

**Source:**                **MCC**  
                              <mailto:john.meredith@etsi.org>

**Title:**                 **Specs status list prior to TSGs#28**

**Document for:**        **information**

The following table shows the status list immediately prior to TSGs#28. It differs from that corresponding to the end of SA#27 insofar as it contains new specs created since that time and later drafts of specs not yet under change control. It also reflects the updates resulting from GERAN#24.

Delegates may like to note that an HTML version of the status list is available at <http://www.3gpp.org/ftp/Specs/html-info/status-report.htm> and that this is updated daily to reflect

- new spec numbers issued for work starting up in Working Groups;
- new drafts of specs not yet under change control developed in Working Groups; and
- (occasional) editorial revisions of approved specs.

# 3GPP specification status

This report sorts the 3GPP specifications by  
Active or Withdrawn / Stopped (Active specs first)  
Release (Latest Release first)  
Series  
Individual Spec number

Release 7  
Release 6  
Release 5  
Release 4  
Release 99  
Release 98  
Release 97  
Release 96  
Phase 2  
Phase 1  
Withdrawn / Stopped

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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## ACTIVE specs

### Rel-7

Rel-7 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TR 21.900 Technical Specification Group working methods**

Rel-7 *current version:* 7.0.0  
*freeze\_meeting:*

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 7 . 0 . 0

[get it](#)

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Rel-7 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.011 Service accessibility**

Rel-7 *current version:* 7.1.0  
*freeze\_meeting:*

*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-14 7 . 0 . 0

SP-27 2005-03-24 7 . 1 . 0

[get it](#)

[get it](#)

# 3GPP specification status

Page 3

31 May 2005 21:13:16

ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)**

Rel-7 current version: 7.0.0  
freeze\_meeting:  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan NOKIA Corporation  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-23 2004-03-23 7 . 0 . 0

[get it](#)

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**TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1**

Rel-7 current version: 7.3.0  
freeze\_meeting:  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul Research in Motion UK Limited  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-22 2004-01-06 7 . 0 . 0  
SP-25 2004-09-27 7 . 1 . 0  
SP-26 2004-12-23 7 . 2 . 0  
SP-27 2005-03-24 7 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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**TS 22.071 Location Services (LCS); Stage 1**

Rel-7 current version: 7.1.0  
freeze\_meeting:  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-24 2004-06-14 7 . 0 . 0  
SP-26 2004-12-23 7 . 1 . 0

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 4

31 May 2005 21:13:16

ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>				
Rel-7	current version: 7.3.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK	
	freeze_meeting:	G: yes U: yes	MCC: CLAYTON, Michael		
remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):					
	SP-23	2004-03-23	7 . 0 . 0	<a href="#">get it</a>	
	SP-25	2004-09-27	7 . 1 . 0	<a href="#">get it</a>	
	SP-26	2004-12-23	7 . 2 . 0	<a href="#">get it</a>	
	SP-27	2005-03-24	7 . 3 . 0	<a href="#">get it</a>	

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<b>TS 22.101</b>	<b>Service aspects; Service principles</b>				
Rel-7	current version: 7.1.0	WG (prime / other): S1 / -	rapporteur: DEOL, Amar	Nortel Networks (USA)	
	freeze_meeting:	G: U: yes	MCC: CLAYTON, Michael		
remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):					
	SP-24	2004-06-14	7 . 0 . 0	<a href="#">get it</a>	
	SP-27	2005-03-24	7 . 1 . 0	<a href="#">get it</a>	

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<b>TS 22.228</b>	<b>Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1</b>				
Rel-7	current version: 7.1.0	WG (prime / other): S1 /	rapporteur: CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	freeze_meeting:	G: yes U: yes	MCC: CLAYTON, Michael		
remarks - general: 2004-09-30: "IMS" added to title in database for ease of searching.		remarks - this release:			
history (event, available, version, comments, hyperlink):					
	SP-25	2004-09-27	7 . 0 . 0	<a href="#">get it</a>	
	SP-27	2005-03-24	7 . 1 . 0	<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 5

31 May 2005 21:13:17

ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.234 Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking**

Rel-7 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-10-31: Spec number formally allocated *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-05 7 . 0 . 0  
SP-27 2005-03-24 7 . 1 . 0

[get it](#)  
[get it](#)

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**TS 22.258 All-IP network (AIPN); Stage 1**

Rel-7 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* SACHNO, Chris NTT DoCoMo Inc.  
*freeze\_meeting:* G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Stage 2 = 23.258 *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TS 22.279 Combining CS and IMS services; Stage 1**

Rel-7 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* WATSON, Mark Digital Fountain  
*freeze\_meeting:* G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Stage 2 is in 23.279 *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 6

31 May 2005 21:13:17

ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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<b>TR 22.811</b>	<b>Review of network selection principles</b>						
Rel-7	current version: 0.4.1	DRAFT	WG (prime / other): S1 /	rapporteur: FRIEL, Chris	O2 plc		
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael			
remarks - general:			remarks - this release: .				
history (event, available, version, comments, hyperlink):							
	S1-28	2005-04-15	0 . 0 . 1	S1-050287	<a href="#">get it</a>		
	S1-28	2005-04-15	0 . 1 . 0	S1-050416	<a href="#">get it</a>		
	pre-S1-29	2005-05-09	0 . 3 . 0	S1-050587	<a href="#">get it</a>		
	pre-S1-29	2005-05-09	0 . 4 . 0	S1-050589	<a href="#">get it</a>		
	pre-S1-29	2005-05-09	0 . 4 . 1	S1-050590	<a href="#">get it</a>		

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<b>TR 22.903</b>	<b>Study on Videotelephony teleservic</b>						
Rel-7	current version: 0.1.0	DRAFT	WG (prime / other): S1 /	rapporteur: ACHTER, Johannes	T-Mobile International AG		
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael			
remarks - general:			remarks - this release: .				
history (event, available, version, comments, hyperlink):							
	draft		0 . 0 . 0				
	draft	2005-04-21	0 . 1 . 0	S1-050546	<a href="#">get it</a>		

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<b>TR 22.935</b>	<b>Feasibility study on Location Services (LCS) for Wireles Local Area Network (WLAN) interworking</b>						
Rel-7	current version: 1.0.0	DRAFT	WG (prime / other): S1 / -	rapporteur: LOUSHINE, Mike	Telcordia Technologies, Inc.		
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael			
remarks - general: Post SP-25: WID = SP-040309; second named rapporteur = Vijay Varma.			remarks - this release:				
history (event, available, version, comments, hyperlink):							
	SP-27	2005-03-21	1 . 0 . 0	SP-050068 for info	<a href="#">get it</a>		

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 7

31 May 2005 21:13:17

ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.936 Behaviour of multi-system terminals**

Rel-7 *current version:* 0.3.0 DRAFT

*freeze\_meeting:*

*WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* WI = SP-040306, later SP-040513.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2005-01-05 0 . 2 . 0

[get it](#)

draft 2005-03-24 0 . 3 . 0 S1-050151

[get it](#)

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**TR 22.953 Multimedia priority service feasibility study**

Rel-7 *current version:* 0.3.0 DRAFT

*freeze\_meeting:*

*WG (prime / other):* S1 / - *rapporteur:* GARRAHAN, James Telcordia Technologies, Inc.

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S1-23 0 . 1 . 0

S1-25 0 . 2 . 0 S1-040592

S1-25 2004-09-27 0 . 3 . 0 S1-040698

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 8

31 May 2005 21:13:17

ACTIVE specs Rel-7 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.978 All-IP network (AIPN) feasibility study**

Rel-7 *current version: 7.0.0*

*freeze\_meeting:*

*WG (prime / other):* S1 / - *rapporteur:* SACHNO, Chris NTT DoCoMo Inc.

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* SP-24: WI = SP-040303.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-06-15	0 . 0 . 0		<a href="#">get it</a>
draft	2004-06-25	0 . 1 . 0		<a href="#">get it</a>
draft		0 . 3 . 0	S1-040678	
draft	2004-07-27	0 . 4 . 0	Several different versions 0.4.0 are thought to be at loose in the wild.	<a href="#">get it</a>
draft		0 . 6 . 0		
SP-26	2004-12-21	1 . 0 . 0	SP-040739	<a href="#">get it</a>
SP-27	2005-03-21	2 . 0 . 0	SP-050069 for approval	<a href="#">get it</a>
SP-27	2005-03-24	7 . 0 . 0		<a href="#">get it</a>

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**TR 22.979 Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions**

Rel-7 *current version: 7.0.0*

*freeze\_meeting:*

*WG (prime / other):* S1 / *rapporteur:* FRANK, Robert TeliaSonera AB

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* WI = SP-040305. SP-25: owner is XIX pronounced "nineteen" (aka CSiCS = Circuit Switched IMS Combinational Service) subgroup of S1. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0 . 0 . 0		
draft		0 . 1 . 0		
S2-41	2004-09-01	0 . 2 . 0	S1-040800	<a href="#">get it</a>
draft	2004-10-07	0 . 2 . 1	S1-040858	<a href="#">get it</a>
draft		0 . 4 . 0		
SP-26	2004-12-21	1 . 0 . 0	SP-040740 for approval; but SP-26 did not approve, since not urgent	<a href="#">get it</a>
S1-27		1 . 1 . 0		
SP-27	2005-03-21	2 . 0 . 0	SP-050070 for approval	<a href="#">get it</a>
SP-27	2005-03-24	7 . 0 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 9

31 May 2005 21:13:17

ACTIVE specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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Rel-7 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode**

Rel-7 *current version:* 7.1.0 *WG (prime / other):* C1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* G: yes U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of R98 features.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 7 . 0 . 0 [get it](#)  
NP-27 2005-04-01 7 . 1 . 0 [get it](#)

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**TS 23.258 reserved for: All-IP network (AIPN); Stage 3**

Rel-7 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* SACHNO, Chris NTT DoCoMo Inc.  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* Stage 1 = 22.258 *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TS 23.271 Functional stage 2 description of Location Services (LCS)**

Rel-7 *current version:* 7.0.0 *WG (prime / other):* S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc  
*freeze\_meeting:* G: yes U: yes *MCC:* POPE, Maurice  
*remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

SP-27 2005-03-24 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 10

31 May 2005 21:13:17

ACTIVE specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.279 Combining CS and IMS services; Stage 2**  
Rel-7 *current version:* 1.2.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* HU, Yun Chao NANJING ERICSSON PANDA COMMUNICATIONS LTD  
*freeze\_meeting:*  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Stage 1 is in 22.279. 2005-03-24: WG changed from S1 (typo). *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
S2-44		0	.	0	.	1		
draft	2005-02-25	0	.	1	.	0		<a href="#">get it</a>
S2-44	2005-02-25	0	.	1	.	1	S2-050441	<a href="#">get it</a>
SP-27	2005-03-21	1	.	0	.	0	SP-050118 for info (ex S2-44)	<a href="#">get it</a>
draft		1	.	1	.	0		
draft	2005-05-16	1	.	2	.	0		<a href="#">get it</a>

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**TR 23.802 Architectural enhancements for end-to-end Quality of Service (QoS)**  
Rel-7 *current version:* 0.6.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* JAKSA, Robert HUAWEI TECHNOLOGIES Co. Ltd.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* SP-24: WI = SP-040326 *remarks - this release:* SP-26: Estimate approval at SP-28. Pre-SP-27: Estimate approval at SP-30.

*history (event, available, version, comments, hyperlink):*

draft	2004-08-10	0	.	0	.	0		<a href="#">get it</a>
S2-41	2004-09-20	0	.	1	.	0		<a href="#">get it</a>
S2-42	2004-10-28	0	.	2	.	0		<a href="#">get it</a>
S2-43	2004-12-03	0	.	3	.	0		<a href="#">get it</a>
post S2-44	2005-02-23	0	.	4	.	0		<a href="#">get it</a>
S2-45		0	.	5	.	0		
S2-46	2005-05-24	0	.	6	.	0		<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 11

31 May 2005 21:13:17

ACTIVE specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.803 Evolution of policy control and charging**

Rel-7 *current version:* 0.5.2 DRAFT

*freeze\_meeting:*

*WG (prime / other):* S2 / *rapporteur:* BERTENYI, Balazs NOKIA Corporation

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-25: WI in SP-040533

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-09-27	0	.	0	.	1		<a href="#">get it</a>
S2-42		0	.	1	.	0		
S2-43		0	.	2	.	0		
S2-44	2005-03-24	0	.	3	.	0		<a href="#">get it</a>
draft	2005-03-29	0	.	3	.	1		<a href="#">get it</a>
S2-45	2005-04-21	0	.	4	.	0		<a href="#">get it</a>
S2-46		0	.	5	.	0		
draft	2005-05-18	0	.	5	.	1		<a href="#">get it</a>
draft	2005-05-19	0	.	5	.	2		<a href="#">get it</a>

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**TR 23.804 Support of SMS and MMS over generic 3GPP IP access**

Rel-7 *current version:* 1.1.0 DRAFT

*freeze\_meeting:*

*WG (prime / other):* S2 / *rapporteur:* ZHANG, Wenlin HUAWEI TECHNOLOGIES Co. Ltd.

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Successor to 23.904; SP-25: WI in SP-040688

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-09-23	0	.	0	.	0		<a href="#">get it</a>
S2-42	2004-10-26	0	.	1	.	0		<a href="#">get it</a>
S2-43	2004-12-03	0	.	2	.	0		<a href="#">get it</a>
SP-27	2005-03-21	1	.	0	.	0	SP-050117 for info	<a href="#">get it</a>
S2-43	2005-04-21	1	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 12

31 May 2005 21:13:17

ACTIVE specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.805 Selective disabling of User Equipment (UE) capabilities; Report on technical options and conclusions**

Rel-7 *current version:* none *WG (prime / other):* S2 / *rapporteur:* WONG, Gavin VODAFONE Group Plc  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TS 23.806 Voice call continuity between Circuit Switched (CS) and IP Multimedia Subsystem (IMS) Study**

Rel-7 *current version:* 0.2.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* BENNETT, Andy Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

draft 0 . 0 . 1  
S2-45 0 . 1 . 0  
draft 2005-05-23 0 . 2 . 0

[get it](#)

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**TR 23.836 Quality of Service (QoS) and policy aspects of 3GPP - Wireless Local Area Network (WLAN) interworking**

Rel-7 *current version:* 0.1.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* SONG, Osok Samsung Electronics Ind. Co., Ltd.  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

draft 0 . 0 . 1  
S2-45 2005-05-27 0 . 1 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 13

31 May 2005 21:13:17

ACTIVE specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.882 3GPP system architecture evolution: Report on technical options and conclusions**

Rel-7 *current version:* 0.1.1 DRAFT *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

draft 0 . 0 . 1  
S2-44 0 . 0 . 2  
S2-45 0 . 1 . 0  
S2-45 2005-04-21 0 . 1 . 1

[get it](#)

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**TR 23.898 Access Class Barring and Overload Protection (ACBOP)**

Rel-7 *current version:* 7.0.0 *WG (prime / other):* S2 / - *rapporteur:* DAVIDIAN, Jean-Jacques DoCoMo Europe S.A.  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice

*remarks - general:* SP-23: WI = SP-040042. SP-25: approval expected SP-26 or SP-27. *remarks - this release:* SP-26: may be speeded up and finished in time for Rel-6. Watch this space.

*history (event, available, version, comments, hyperlink):*

SP-27 2005-03-21 2 . 0 . 0 SP-050116 for approval  
SP-27 2005-04-05 7 . 0 . 0

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[get it](#)

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Rel-7 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 14

31 May 2005 21:13:17

ACTIVE specs Rel-7 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TR 24.819 Protocol impact from providing IMS services via fixed broadband; Stage-3**

Rel-7 *current version:* 0.2.0 DRAFT *WG (prime / other):* C1 / *rapporteur:* LEIS, Peter SIEMENS AG  
*freeze\_meeting:* G: U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

N1-27	2005-03-01	0	.	0	.	0		<a href="#">get it</a>
C1-37		0	.	1	.	0		
draft	2005-05-18	0	.	2	.	0		<a href="#">get it</a>

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**TR 24.979 Combining Circuit-Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions**

Rel-7 *current version:* none *WG (prime / other):* C1 / *rapporteur:* MULLIGAN, Catherine Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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Rel-7 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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# 3GPP specification status

Page 15

31 May 2005 21:13:17

ACTIVE specs Rel-7 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.202 7.68Mcps TDD Option ; Overall Description : Stage 2**

Rel-7 current version: none

freeze\_meeting:

WG (prime / other): R1 / rapporteur: BEALE, Martin IPWireless Inc.

G: U: yes MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release: .

history (event, available, version, comments, hyperlink):

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**TR 25.809 7.68 Mcps TDD option: physical layer**

Rel-7 current version: none

freeze\_meeting:

WG (prime / other): R1 / rapporteur: BEALE, Martin IPWireless Inc.

G: U: yes MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release: .

history (event, available, version, comments, hyperlink):

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**TR 25.810 UMTS 2.6 GHz (FDD)**

Rel-7 current version: 0.0.3

DRAFT

freeze\_meeting:

WG (prime / other): R4 / rapporteur: SÄYNÄJÄKANGAS, NOKIA Corporation

G: U: yes MCC: Tuomo GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release: .

history (event, available, version, comments, hyperlink):

R4-34 0 . 0 . 1

R4-34 2005-02-25 0 . 0 . 2

R4-35 2005-05-17 0 . 0 . 3 ex R4-050591

[get it](#)

[get it](#)

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# 3GPP specification status

Page 16

31 May 2005 21:13:17

ACTIVE specs Rel-7 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.811 UMTS 2.6 GHz (TDD)**  
Rel-7 *current version:* 0.0.1 DRAFT  
*freeze\_meeting:*  
*remarks - general:*

*WG (prime / other):* R4 / *rapporteur:* WONG, Shin horng IPWireless Inc.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

R4-35 0 . 0 . 0 R4-050453  
R4-35 2005-05-17 0 . 0 . 1

[get it](#)

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**TR 25.819 7.68 Mcps TDD option: Layer 2 and 3 protocol aspects**  
Rel-7 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R2 / *rapporteur:* RICHARDS, Derek IPWireless Inc.  
*G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TR 25.826 3.84 Mcps TDD Enhanced Uplink; Physical Layer Aspects**  
Rel-7 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R1 / *rapporteur:* ANDERSON, Nicholas IPWireless Inc.  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 17

31 May 2005 21:13:17

ACTIVE specs Rel-7 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.829 7.68 Mcps TDD option: RF transmission/reception, System performance requirements and conformance testing**

Rel-7 current version: 0.0.2 DRAFT WG (prime / other): R4 / rapporteur: WONG, Shin horng IPWireless Inc.  
freeze\_meeting: G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - general: remarks - this release: .

history (event, available, version, comments, hyperlink):

draft 0 . 0 . 0  
R4-34 0 . 0 . 1  
R4-35 2005-05-27 0 . 0 . 2

[get it](#)

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**TR 25.876 Multiple Input Multiple Output (MIMO) antennae in UTRA**

Rel-7 current version: none WG (prime / other): R1 / rapporteur: HUANG, Howard Lucent Technologies  
freeze\_meeting: G: U: yes MCC: ISHII, Yoshikazu  
remarks - general: RP-20: reference to HSDPA removed from title remarks - this release: Timed out of Rel-6.

history (event, available, version, comments, hyperlink):

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**TR 25.912 Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN)**

Rel-7 current version: 0.0.0 DRAFT WG (prime / other): RP / R1, rapporteur: NAKAMURA, Takehiro NTT DoCoMo Inc.  
freeze\_meeting: R2,  
R3,  
R4  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar  
remarks - general: RP-26: WID in RP-040461. Assistant rapporteur: Don Zelmer. Requirements in remarks - this release: .  
25.812.

history (event, available, version, comments, hyperlink):

RP-27 2005-03-03 0 . 0 . 0 RP-050151

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 18

31 May 2005 21:13:18

ACTIVE specs Rel-7 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.913 Requirements for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN)**  
Rel-7      *current version:* none      *WG (prime / other):* RP / R1,      *rapporteur:* NAKAMURA, Takehiro      NTT DoCoMo Inc.  
*freeze\_meeting:*      R2,  
      R3,  
      R4  
*G:*      *U:* yes      *MCC:*      GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:*      RP-26: WID in RP-040461. Assistant rapporteur: Don Zelmer. FS in 25.912,      *remarks - this release:* Initial draft filed under 25.812.  
      Post-RP-27: converted to xx.9xx series TR for increased visibility.

*history (event, available, version, comments, hyperlink):*

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Rel-7      **31** .- series      Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.102 Characteristics of the USIM application**  
Rel-7      *current version:* 7.0.0      *WG (prime / other):* C6 / -      *rapporteur:* RUBON, Jean-Francois      GEMPLUS S.A.  
*freeze\_meeting:*      *G:*      *U:* yes      *MCC:*      LENHART, Gabriele  
*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*  
TP-27 2005-03-24 7 . 0 . 0      [get it](#)

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# 3GPP specification status

Page 19

31 May 2005 21:13:18

ACTIVE specs Rel-7 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.130 (U)SIM Application Programming Interface (API); (U)SIM API for Java Card**  
Rel-7 *current version:* 7.0.0 *WG (prime / other):* C6 / - *rapporteur:* JOLIVET, Paul LG Electronics Mobilecomm France  
*freeze\_meeting:* G: yes U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

TP-27 2005-03-24 7 . 0 . 0

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Rel-7 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.173 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker**  
Rel-7 *current version:* Architecture (CORBA) Solution Set (SS) none *WG (prime / other):* S5 */ rapporteur:* ABA, Istvan T-Mobile  
AUSTRIA GmbH  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 20

31 May 2005 21:13:18

ACTIVE specs Rel-7 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.431 Telecommunication management; Performance measurement collection Integration Reference Point (IRP); Requirements**  
Rel-7 *current version: none* *WG (prime / other): S5 / -* *rapporteur: TOCHE, Christian* NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* *G: U: yes* *MCC: ZOICAS, Adrian*  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 32.681 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Requirements**  
Rel-7 *current version: none* *WG (prime / other): S5 / -* *rapporteur: PAL, Tapinder* T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* *G: yes U: yes* *MCC: ZOICAS, Adrian*  
*remarks - general:* *remarks - this release: .*

*history (event, available, version, comments, hyperlink):*

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**TS 32.682 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)**  
Rel-7 *current version: none* *WG (prime / other): S5 / -* *rapporteur: PAL, Tapinder* T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* *G: yes U: yes* *MCC: ZOICAS, Adrian*  
*remarks - general:* *remarks - this release: .*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 21

31 May 2005 21:13:18

ACTIVE specs Rel-7 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.683 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

Rel-7 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TS 32.684 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**

Rel-7 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TS 32.731 Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**

Rel-7 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan Lucent Technologies Network Systems UK  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 22

31 May 2005 21:13:18

ACTIVE specs Rel-7 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.732** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):  
Rel-7 current version: Information Service (IS) none WG (prime / other): S5 /- rapporteur: RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting: G: U: yes MCC: ZOICAS, Adrian  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

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**TS 32.733** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common  
Rel-7 current version: Object Request Broker Architecture (CORBA) Solution Set (SS) noneWG (prime / other): S5 /- rapporteur: RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting: G: U: yes MCC: ZOICAS, Adrian  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

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**TS 32.734** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common  
Rel-7 current version: Management Information Protocol (CMIP) Solution Set (SS) noneWG (prime / other): S5 /- rapporteur: RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting: G: U: yes MCC: ZOICAS, Adrian  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 23

31 May 2005 21:13:18

ACTIVE specs Rel-7 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.735 Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**  
Rel-7 *current version: eXtensible Markup Language (XML) file format definition* noneWG (*prime / other*): S5 /- *rapporteur:* RAO, Mohan Lucent  
Technologies Network Systems UK

*freeze\_meeting:* G: U: yes MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TR 32.805 Telecommunication management; Process guide; Backward compatibility recommendations**  
Rel-7 *current version: 6.0.0* WG (*prime / other*): S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* G: U: yes MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	1	.	0		<a href="#">get it</a>
SP-26	2004-11-30	1	.	0	.	0	SP-040821	<a href="#">get it</a>
SP-26	2005-04-05	6	.	0	.	0		<a href="#">get it</a>

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Rel-7 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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# 3GPP specification status

Page 24

31 May 2005 21:13:18

ACTIVE specs Rel-7 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.108 3G security; Handover interface for Lawful Interception (LI)**  
Rel-7 *current version: 7.0.0* WG (prime / other): S3 / rapporteur: WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*freeze\_meeting:* G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de) *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

SP-27 2005-04-01 7 . 0 . 0

[get it](#)

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Rel-7 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.068 Voice Group Call Service (VGCS); Stage 1**  
Rel-7 *current version: 7.2.0* WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* G: yes U: MCC: CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-27 7 . 0 . 0

SP-26 2004-12-23 7 . 1 . 0

SP-27 2005-03-24 7 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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Rel-7 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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# 3GPP specification status

Page 25

31 May 2005 21:13:18

ACTIVE specs Rel-7 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode**

Rel-7 *current version:* 7.0.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*remarks - general:* Moved from SMG3 Jan 2000. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-22 7 . 0 . 0 [get it](#)

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**TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN**

Rel-7 *current version:* 7.0.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-22 7 . 0 . 0 [get it](#)

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**TS 43.318 Generic access to the A/Gb interface; Stage 2**

Rel-7 *current version:* 2.0.0 DRAFT *WG (prime / other):* G1 / - *rapporteur:* VIKBERG, Jari Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino  
*remarks - general:* Stage 1 is the common GERAN stage 1: no new requirements, just different access architecture. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

draft 0 . 1 . 0  
G1-22 0 . 2 . 0 GP-042394  
GP-23 2005-01-21 0 . 3 . 0 GP-050135 [get it](#)  
GP-23 2005-02-03 0 . 4 . 0 GP-050403 [get it](#)  
GP-23 2005-02-03 2 . 0 . 0 GP-050544 approved, but apparently for [get it](#)  
Rel-6 despite it being a Rel-7 WI.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 26

31 May 2005 21:13:18

ACTIVE specs Rel-7 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TR 43.935 Feasibility study of enhanced support for video telephony service over GERAN via the A interface**

Rel-7 *current version:* 0.2.0 DRAFT *WG (prime / other):* G1 / *rapporteur:* ERIKSSON, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-22 0 . 0 . 1 Text incorporated from GP-042532  
GP-22 2004-12-22 0 . 1 . 0 GP-050190 [get it](#)  
GP-23 2005-03-21 0 . 2 . 0 GP-050903 at GP-24 [get it](#)

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Rel-7 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)**

Rel-7 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-21 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 27

31 May 2005 21:13:18

ACTIVE specs Rel-7 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode**  
Rel-7 *current version: 7.0.0* *WG (prime / other): G2 /* *rapporteur: VIRTEJ, Iuliana* NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC: THOMASEN, Gert*  
*remarks - general:* *remarks - this release: .*

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-21 7 . 0 . 0

[get it](#)

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Rel-7 **45** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.001 Physical layer on the radio path; General description**  
Rel-7 *current version: 7.0.0* *WG (prime / other): G1 / -* *rapporteur: JOKINEN, Harri* NOKIA MOBILE PHONES  
*freeze\_meeting:* *G: yes U:* *MCC: USAI, Paolino*  
*remarks - general:* *remarks - this release: .*

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-22 7 . 0 . 0

[get it](#)

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**TS 45.005 Radio transmission and reception**  
Rel-7 *current version: 7.0.0* *WG (prime / other): G1 / -* *rapporteur: SAMUELSSON, Mats* Telefon AB LM Ericsson  
*freeze\_meeting:* *G: yes U:* *MCC: USAI, Paolino*  
*remarks - general:* *remarks - this release: .*

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-22 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 28

31 May 2005 21:13:18

ACTIVE specs Rel-7 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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Rel-7 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**

Rel-7 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-24 7 . 0 . 0

[get it](#)

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**TS 48.018 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**

Rel-7 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* THOMASEN, Gert

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-24 7 . 0 . 0

[get it](#)

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Rel-7 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 29

31 May 2005 21:13:18

ACTIVE specs Rel-7 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TS 49.031**    **Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
Rel-7    *current version:* 7.0.0    *WG (prime / other):* G2 / -    *rapporteur:* ANDERSEN, Niels Peter    QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:*    *G: yes*    *U:*    *MCC:* THOMASEN, Gert  
*remarks - general:*    *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*  
GP-24 2005-04-21 7 . 0 . 0    [get it](#)

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Rel-7    **55** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.226**    **Specification of the A5/4 encryption algorithms for GSM and ECSD, and the GEA4 encryption algorithm for GPRS; Document 1: A5/4 and GEA4 specification**  
Rel-7    *current version:* none    *WG (prime / other):* S3 /    *rapporteur:* CHRISTOFFERSSON, PerTeliaSonera AB  
*freeze\_meeting:*    *G: yes*    *U:*    *MCC:* CLAYTON, Michael  
*remarks - general:*    Work item UID = 1571 (SEC1)    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## Rel-6

Rel-6    **21** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 30

31 May 2005 21:13:18

ACTIVE specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system

Rel-6 *current version:* 6.1.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0  
SP-27 2005-03-22 6 . 1 . 0

[get it](#)  
[get it](#)

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## TS 21.111 USIM and IC card requirements

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C6 / - *rapporteur:* KALINER, Stefan T-Mobile International AG  
*freeze\_meeting:* TP-26 G: U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-23 2004-03-25 6 . 0 . 0  
TP-24 2004-06-15 6 . 1 . 0

[get it](#)  
[get it](#)

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## TR 21.801 Specification drafting rules

Rel-6 *current version:* 6.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-04-02 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 31

31 May 2005 21:13:18

ACTIVE specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture**

Rel-6 *current version:* 0.7.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* SP-20: from Rel-5.

*history (event, available, version, comments, hyperlink):*

draft 2003-02-24 0 . 7 . 0 inherited from Rel-5 [get it](#)

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**TR 21.900 Technical Specification Group working methods**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* SP-22: Fron now on, is null document pointing to equivalent in latest Release.

*history (event, available, version, comments, hyperlink):*

	SP-21	2003-09-26	6 . 0 . 0		<a href="#">get it</a>
	SP-22	2004-01-14	6 . 1 . 0		<a href="#">get it</a>
edito post	SP-23	2004-04-02	6 . 1 . 1	corrects Release shown on cover page	<a href="#">get it</a>
	SP-24	2004-06-24	6 . 2 . 0		<a href="#">get it</a>
	SP-25	2004-09-29	6 . 3 . 0		<a href="#">get it</a>
	SP-26	2005-01-04	6 . 4 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 32

31 May 2005 21:13:18

ACTIVE specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TR 21.902 Evolution of 3GPP system**  
Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-21  
*remarks - general:* SP-21: On closure of Evolution group, confirmed that ownership stays with SA.

*WG (prime / other):* SP / -  
*G:* U: yes  
*rapporteur:* BISHOP, Craig  
*MCC:* POPE, Maurice  
SAMSUNG Electronics Research Institute

*remarks - this release:* SP-20: expect revised drafts 2003-06-20 & 2003-09-05. SP-21: approved as Rel-6 document.

*history (event, available, version, comments, hyperlink):*

SP-18, Evolution meeting #2	2003-01-03	0	.	0	.	0	Prior to SP-18: doc = EV020032	<a href="#">get it</a>
revised to add missing text	2003-01-08	0	.	1	.	0		<a href="#">get it</a>
SP-19, Evolution meeting #3	2003-03-24	0	.	1	.	1	EV-030002	<a href="#">get it</a>
draft	2003-04-07	0	.	2	.	0		<a href="#">get it</a>
draft	2003-04-17	0	.	2	.	1	incorporating comments post SP-19	<a href="#">get it</a>
SP-20, Evolution meeting #4	2003-06-02	0	.	2	.	2	EV-030042	<a href="#">get it</a>
draft	2003-06-20	1	.	1	.	0		<a href="#">get it</a>
draft	2003-06-20	1	.	1	.	1		<a href="#">get it</a>
Evolution workshop #5 prior to SP-21	2003-09-29	1	.	2	.	0	EV-030124	<a href="#">get it</a>
Evolution workshop #5 prior to SP-21	2003-09-29	1	.	3	.	0	EV-030136	<a href="#">get it</a>
SP-21	2003-09-29	2	.	0	.	0	SP-030518	<a href="#">get it</a>
SP-21	2003-09-26	6	.	0	.	0	Approved as Rel-6. PCG to decide whether SDOs are to publish prior to Rel-6 freeze.	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 33

31 May 2005 21:13:18

ACTIVE specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TR 21.905 Vocabulary for 3GPP Specifications

Rel-6 *current version:* 6.8.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*freeze\_meeting:* SP-22 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* 2004-06: This spec is also applicable to GERAN systems from Rel-4 *remarks - this release:*  
onwards, at least, so include it in that set.

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-16	6	.	0	.	0	<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0	<a href="#">get it</a>
SP-19	2003-03-25	6	.	2	.	0	<a href="#">get it</a>
SP-20	2003-06-18	6	.	3	.	0	<a href="#">get it</a>
SP-21	2003-09-30	6	.	4	.	0	<a href="#">get it</a>
SP-22	2004-01-06	6	.	5	.	0	<a href="#">get it</a>
SP-23	2004-03-23	6	.	6	.	0	<a href="#">get it</a>
SP-24	2004-06-14	6	.	7	.	0	<a href="#">get it</a>
SP-27	2005-03-24	6	.	8	.	0	<a href="#">get it</a>

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Rel-6 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2004-12-23	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 34

31 May 2005 21:13:18

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.004 General on supplementary services

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 35

31 May 2005 21:13:18

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.011 Service accessibility**  
Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19	2003-03-25	6	.	0	.	0	<a href="#">get it</a>
SP-20	2003-06-18	6	.	1	.	0	<a href="#">get it</a>
SP-22	2004-01-06	6	.	2	.	0	<a href="#">get it</a>
SP-23	2004-03-23	6	.	3	.	0	<a href="#">get it</a>
SP-24	2004-06-14	6	.	4	.	0	<a href="#">get it</a>

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**TS 22.016 International Mobile Equipment Identities (IMEI)**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2004-12-23	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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**TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2005-01-04	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 36

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.024 Description of Charge Advice Information (CAI)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4,CR at TSG#5 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

Rel-6 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0 [get it](#)  
edito post SP-26 2005-02-17 6 . 0 . 1 Corrects Release number shown on title [get it](#)  
page

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## TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.  
Rel-5 -> 22.031.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 37

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.032 Immediate Service Termination (IST); Service description; Stage 1**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 One  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1**  
Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20 2003-06-18 6 . 0 . 0 [get it](#)  
SP-21 2003-09-30 6 . 1 . 0 [get it](#)  
SP-22 2004-01-06 6 . 2 . 0 [get it](#)  
SP-25 2004-09-27 6 . 3 . 0 [get it](#)  
SP-27 2005-03-24 6 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 38

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.041 Operator Determined Call Barring

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-18	6	.	0	.	0		<a href="#">get it</a>
SP-21	2003-09-30	6	.	1	.	0		<a href="#">get it</a>
SP-23	2004-03-23	6	.	2	.	0		<a href="#">get it</a>

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## TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2004-12-23	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2005-01-06	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 39

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.057 Mobile Execution Environment (MExE) service description; Stage 1**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1". *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-03-25 6 . 0 . 0 [get it](#)

---

**TS 22.066 Support of Mobile Number Portability (MNP); Stage 1**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18 2002-12-18 6 . 0 . 0 [get it](#)  
SP-20 2003-06-18 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 40

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2002-12-18	6 . 0 . 0	<a href="#">get it</a>
SP-20	2003-06-18	6 . 1 . 0	<a href="#">get it</a>

---

**TS 22.071 Location Services (LCS); Stage 1**

Rel-6 *current version:* 6.7.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-04	6 . 0 . 0	<a href="#">get it</a>
SP-17	2002-09-17	6 . 1 . 0	<a href="#">get it</a>
SP-18	2002-12-18	6 . 2 . 0	<a href="#">get it</a>
SP-19	2003-03-25	6 . 3 . 0	<a href="#">get it</a>
SP-20	2003-06-18	6 . 4 . 0	<a href="#">get it</a>
SP-21	2003-09-30	6 . 5 . 0	<a href="#">get it</a>
SP-22	2004-01-06	6 . 6 . 0	<a href="#">get it</a>
SP-23	2004-03-23	6 . 7 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 41

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.072 Call Deflection (CD); Stage 1**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG

*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.

*G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 42

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1**

Rel-6 *current version:* 6.7.0 *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2003-01-10	6	.	0	.	0	<a href="#">get it</a>
SP-19	2003-03-25	6	.	1	.	0	<a href="#">get it</a>
SP-21	2003-09-30	6	.	2	.	0	<a href="#">get it</a>
SP-22	2004-01-06	6	.	3	.	0	<a href="#">get it</a>
SP-23	2004-03-23	6	.	4	.	0	<a href="#">get it</a>
SP-24	2004-06-14	6	.	5	.	0	<a href="#">get it</a>
SP-25	2004-09-27	6	.	6	.	0	<a href="#">get it</a>
SP-27	2005-03-24	6	.	7	.	0	<a href="#">get it</a>

---

**TS 22.079 Support of optimal routing; Stage 1**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2004-12-23	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 43

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.081 Line Identification supplementary services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: IBIDUN, Kunle ORANGE SA  
G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1

Rel-6  
current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 44

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.084 MultiParty (MPty) supplementary service; Stage 1

Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
G: yes U: yes MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.085 Closed User Group (CUG) supplementary services; Stage 1

Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola Indicate persons who left Company and wait for new One

G: yes U: yes MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1

Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: yes MCC: CLAYTON, Michael

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 45

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.087 User-to-user signalling (UUS); Stage 1

Rel-6 current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes T-Mobile International AG

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

## TS 22.088 Call Barring (CB) supplementary services; Stage 1

Rel-6 current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes T-Mobile International AG

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1

Rel-6 current version: 6.0.0

freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan NOKIA Corporation

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Transfer>TSG#4

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 46

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 22.094 Follow Me service description - Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG

*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22 2004-01-06 6 . 0 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 47

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.096 Name identification supplementary services; Stage 1**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 22.097 Multiple Subscriber Profile (MSP) Phase 2; Service description; Stage 1**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4. 2005-03-22: "Phase 1" changed to "Phase 2" following CR at SP-05 (!). *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 48

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.101 Service aspects; Service principles**

Rel-6 *current version:* 6.9.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-020234 slide 11 justifies existence.

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-04	6	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-17	6	.	1	.	0	<a href="#">get it</a>
SP-18	2002-12-18	6	.	2	.	0	<a href="#">get it</a>
SP-19	2003-03-25	6	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-18	6	.	4	.	0	<a href="#">get it</a>
SP-21	2003-09-30	6	.	5	.	0	<a href="#">get it</a>
SP-22	2004-01-06	6	.	6	.	0	<a href="#">get it</a>
SP-23	2004-03-23	6	.	7	.	0	<a href="#">get it</a>
SP-24	2004-06-14	6	.	8	.	0	<a href="#">get it</a>
SP-27	2005-03-24	6	.	9	.	0	<a href="#">get it</a>

---

**TS 22.105 Services and service capabilities**

Rel-6 *current version:* 6.3.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-17	6	.	0	.	0	<a href="#">get it</a>
SP-19	2003-03-25	6	.	1	.	0	<a href="#">get it</a>
SP-20	2003-06-18	6	.	2	.	0	<a href="#">get it</a>
SP-27	2005-03-24	6	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 49

31 May 2005 21:13:19

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.112 USIM toolkit interpreter; Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C6 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.115 Service aspects; Charging and billing

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-03-25 6 . 0 . 0 [get it](#)  
SP-20 2003-06-18 6 . 1 . 0 [get it](#)  
SP-21 2003-09-30 6 . 2 . 0 [get it](#)  
SP-22 2004-01-06 6 . 3 . 0 [get it](#)  
SP-23 2004-03-23 6 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 50

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-6 *current version:* 6.8.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-04	6 . 0 . 0	<a href="#">get it</a>
SP-17	2002-09-17	6 . 1 . 0	<a href="#">get it</a>
SP-18	2002-12-18	6 . 2 . 0	<a href="#">get it</a>
SP-20	2003-06-18	6 . 3 . 0	<a href="#">get it</a>
SP-22	2004-01-06	6 . 4 . 0	<a href="#">get it</a>
SP-23	2004-03-23	6 . 5 . 0	<a href="#">get it</a>
SP-24	2004-06-14	6 . 6 . 0	<a href="#">get it</a>
SP-26	2004-12-23	6 . 7 . 0	<a href="#">get it</a>
SP-27	2005-03-24	6 . 8 . 0	<a href="#">get it</a>

---

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE SA  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19	2003-03-25	6 . 0 . 0	<a href="#">get it</a>
SP-22	2004-01-06	6 . 1 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 51

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.135 Multicall; Service description; Stage 1

Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
G: U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-6 current version: 6.7.0  
freeze\_meeting: SP-26

WG (prime / other): S1 / - rapporteur: MEYER, Juergen SIEMENS AG  
G: U: yes MCC: CLAYTON, Michael

remarks - general: (development in T2)

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-18 2002-12-20 6 . 0 . 0 [get it](#)  
SP-19 2003-03-25 6 . 1 . 0 [get it](#)  
SP-20 2003-06-18 6 . 2 . 0 [get it](#)  
SP-21 2003-09-30 6 . 3 . 0 [get it](#)  
SP-22 2004-01-06 6 . 4 . 0 [get it](#)  
SP-23 2004-03-23 6 . 5 . 0 [get it](#)  
SP-24 2004-06-14 6 . 6 . 0 [get it](#)  
SP-27 2005-03-24 6 . 7 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 52

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.141 Presence service; Stage 1**

Rel-6 *current version:* 6.4.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Technology Resources Inc.  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-19	6	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-17	6	.	1	.	0	<a href="#">get it</a>
SP-19	2003-03-25	6	.	2	.	0	<a href="#">get it</a>
editorial to fix	2004-07-02	6	.	2	.	1	<a href="#">get it</a>
apparently corrupt							
file							
SP-26	2004-12-23	6	.	3	.	0	<a href="#">get it</a>
SP-27	2005-03-24	6	.	4	.	0	<a href="#">get it</a>

---

**TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1**

Rel-6 *current version:* 6.6.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (3)  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-04	6	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-17	6	.	1	.	0	<a href="#">get it</a>
SP-19	2003-03-25	6	.	2	.	0	<a href="#">get it</a>
SP-22	2004-01-06	6	.	3	.	0	<a href="#">get it</a>
SP-23	2004-03-23	6	.	4	.	0	<a href="#">get it</a>
SP-24	2004-06-14	6	.	5	.	0	<a href="#">get it</a>
SP-25	2004-10-01	6	.	6	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 53

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.174 Push service; Stage 1**

Rel-6 *current version:* 6.2.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc

*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Timed out of Rel-5. SP-18: S1 seems to have lost interest in this spec. Known to be some holes in it.

*history (event, available, version, comments, hyperlink):*

draft	2002-03-27	0 . 6 . 0	S1-020540	<a href="#">get it</a>
draft		0 . 8 . 1		
SP-16		1 . 0 . 0	SP-020230 (inside liaison statement)	
post SP-16 clean	2002-07-04	1 . 0 . 1		<a href="#">get it</a>
up				
SP-17	2002-09-17	2 . 0 . 0	SP-020571	<a href="#">get it</a>
SP-17	2002-09-16	6 . 0 . 0		<a href="#">get it</a>
SP-18	2002-12-18	6 . 1 . 0		<a href="#">get it</a>
SP-19	2003-03-25	6 . 2 . 0		<a href="#">get it</a>

---

**TS 22.177 Speech-enabled services; Stage 1**

Rel-6 *current version:* none

*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile International AG

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Spec number reserved; production depends on results of feasibility study (22.977). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 54

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.226 Global text telephony (GTT); Stage 1: Service description

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26  
*remarks - general:* SP-16: to "GERAN" set.

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

## TS 22.228 Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1

Rel-6 *current version:* 6.8.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* 2004-09-30: "IMS" added to title in database for ease of searching.

*remarks - this release:* SP-020234 slide 11 justifies existence.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-04 6 . 0 . 0 [get it](#)  
SP-17 2002-09-17 6 . 1 . 0 [get it](#)  
SP-19 2003-03-25 6 . 2 . 0 [get it](#)  
SP-20 2003-06-18 6 . 3 . 0 [get it](#)  
SP-21 2003-09-30 6 . 4 . 0 [get it](#)  
SP-22 2004-01-06 6 . 5 . 0 [get it](#)  
SP-24 2004-06-14 6 . 6 . 0 [get it](#)  
SP-26 2004-12-23 6 . 7 . 0 [get it](#)  
SP-27 2005-03-24 6 . 8 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 55

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.233 Transparent end-to-end packet-switched streamng service; Stage 1

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-17	6	.	0	.	0	<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0	<a href="#">get it</a>
SP-19	2003-03-25	6	.	2	.	0	<a href="#">get it</a>
SP-21	2003-09-30	6	.	3	.	0	<a href="#">get it</a>

---

## TS 22.234 Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* 2003-10-31: Spec number formally allocated

*remarks - this release:* SP-22: target for approval = SP-25. SP-25: this release unwithdrawn!

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-23	2	.	0	.	0	SP-040100	<a href="#">get it</a>
SP-23	2004-03-24	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-14	6	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 56

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.240 Service requirements for 3GPP Generic User Profile (GUP); Stage 1

Rel-6 *current version:* 6.5.0 *WG (prime / other):* S1 / *rapporteur:* BISCHINGER, Kurt T-Mobile AUSTRIA GmbH  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Cf work item 'Generic user profile' *remarks - this release:* SP-17: Expected for SP-18.

### *history (event, available, version, comments, hyperlink):*

SP-17	2002-09-16	1	.	0	.	0		<a href="#">get it</a>
SP-19		2	.	0	.	0	SP-030036	
SP-19	2003-03-25	6	.	0	.	0		<a href="#">get it</a>
SP-21	2003-09-30	6	.	1	.	0		<a href="#">get it</a>
SP-22	2004-01-06	6	.	2	.	0		<a href="#">get it</a>
SP-23	2004-03-23	6	.	3	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	4	.	0		<a href="#">get it</a>
SP-26	2004-12-23	6	.	5	.	0		<a href="#">get it</a>

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## TS 22.242 Digital Rights Management (DRM); Stage 1

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / *rapporteur:* WOOD, Nicholas Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: Stages 2 & 3 to be done by OMA. SP-24: debate on whether or not still needed in view of St 1 at OMA. Conclusion yes, for now. *remarks - this release:* SP-25: will make this a blank doc just referencing the OMA spec; will not be propagated to Rel-7.

### *history (event, available, version, comments, hyperlink):*

draft ex Kobe	2003-07-29	0	.	0	.	0		<a href="#">get it</a>
SP-15	2002-03-19	1	.	0	.	0	SP-020061	<a href="#">get it</a>
SP-16	2002-07-04	2	.	0	.	0	SP-020261	<a href="#">get it</a>
SP-16	2002-07-04	6	.	0	.	0		<a href="#">get it</a>
SP-17	2002-09-17	6	.	1	.	0		<a href="#">get it</a>
SP-19	2003-03-25	6	.	2	.	0		<a href="#">get it</a>
SP-25	2004-12-23	6	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 57

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.243 Speech recognition framework for automated voice services; Stage 1**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* WI UID = 31006 *remarks - this release:* Delayed from Rel-5.

*history (event, available, version, comments, hyperlink):*

brought forwards	2002-01-02	1	.	0	.	0		<a href="#">get it</a>
from Rel-5								
SP-15	2002-03-27	1	.	2	.	0	S1-020114	<a href="#">get it</a>
SP-17	2002-09-19	2	.	0	.	0	SP-020572	<a href="#">get it</a>
SP-17	2002-09-16	6	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0		<a href="#">get it</a>
SP-19	2003-03-25	6	.	2	.	0		<a href="#">get it</a>
SP-20	2003-06-18	6	.	3	.	0		<a href="#">get it</a>
SP-21	2003-09-30	6	.	4	.	0		<a href="#">get it</a>

---

**TS 22.246 Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* CURCIO, Igor NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-20: WID = SP-030347. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	1	.	0		
S1-21		0	.	2	.	0		
SP-21	2003-09-29	1	.	0	.	0	SP-030511	<a href="#">get it</a>
SP-22	2004-05-05	2	.	0	.	0	SP-030708	<a href="#">get it</a>
SP-22	2004-01-06	6	.	0	.	0		<a href="#">get it</a>
SP-23	2004-03-23	6	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 58

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.250 IP Multimedia Subsystem (IMS) Group Management; Stage 1

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* LAATU, Juho NOKIA Corporation  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2002-04-24	0	.	1	.	0		<a href="#">get it</a>
SP-17	2002-09-16	1	.	0	.	0	SP-020566	<a href="#">get it</a>
SP-18	2002-12-18	2	.	0	.	0	SP-020669	<a href="#">get it</a>
SP-18	2002-12-18	6	.	0	.	0		<a href="#">get it</a>

---

## TS 22.340 IP Multimedia Subsystem (IMS) messaging; Stage 1

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* LAATU, Juho NOKIA Corporation  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* 2002-10-08: created from 22.940.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2002-12-18	2	.	0	.	0	SP-020671	<a href="#">get it</a>
SP-18	2002-12-18	6	.	0	.	0		<a href="#">get it</a>
SP-19	2003-03-25	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-03-24	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 59

31 May 2005 21:13:20

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TR 22.800 IP Multimedia Subsystem (IMS) subscription and access scenarios

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* FRANK, Robert TeliaSonera AB  
*freeze\_meeting:* SP-26 *G:* U: yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply cleaned up but technically incomplete.

*history (event, available, version, comments, hyperlink):*

S1-18		0	.	0	.	5	S1-022295	
SP-18	2002-12-20	0	.	1	.	0	(annex to liaison)	<a href="#">get it</a>
SP-19	2003-03-24	1	.	0	.	0	SP-030037	<a href="#">get it</a>
SP-21	2003-09-29	2	.	0	.	0	SP-030471	<a href="#">get it</a>
SP-21	2003-09-30	6	.	0	.	0		<a href="#">get it</a>

---

## TR 22.857 Run-time independent framework feasibility study

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* SP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-17	2002-08-30	1	.	0	.	0		<a href="#">get it</a>
TP-18	2002-12-03	2	.	0	.	0	TP-020274	<a href="#">get it</a>
TP-18	2002-12-20	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 60

31 May 2005 21:13:21

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.934 Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* YOUNGE, Mark T-Mobile USA Inc.  
*freeze\_meeting:* SP-18 G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to other specs.

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-19	1	.	0	.	0	SP-020059	<a href="#">get it</a>
SP-17	2002-09-19	2	.	0	.	0	SP-020569	<a href="#">get it</a>
SP-17	2002-09-16	6	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0		<a href="#">get it</a>
SP-21	2003-09-30	6	.	2	.	0		<a href="#">get it</a>

---

**TR 22.940 IP Multimedia Subsystem (IMS) messaging; Stage 1**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* LAATU, Juho NOKIA Corporation  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:* 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact, unwithdrawn and approved!

*remarks - this release:* 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact, unwithdrawn and approved!

*history (event, available, version, comments, hyperlink):*

draft	2002-03-26	0	.	0	.	0		<a href="#">get it</a>
draft	2002-07-19	0	.	1	.	0		<a href="#">get it</a>
SP-16	2002-07-19	0	.	2	.	0		<a href="#">get it</a>
SP-17	2002-09-16	1	.	0	.	0	SP-020567	<a href="#">get it</a>
SP-18	2002-12-18	2	.	0	.	0	SP-020670	<a href="#">get it</a>
SP-18	2002-12-18	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 61

31 May 2005 21:13:21

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.944 Report on service requirements for UE functionality split**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TR 22.949 Study on a generalized privacy capability**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* WI: PrivCap.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S1-20 2003-06-25 0 . 1 . 0 S1-030498 [get it](#)  
draft 2003-10-10 0 . 3 . 0 S1-030932 [get it](#)  
SP-22 2004-01-05 1 . 0 . 0 SP-030718 [get it](#)  
SP-23 2004-03-22 2 . 0 . 0 SP-040099 [get it](#)  
SP-23 2004-03-24 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 62

31 May 2005 21:13:21

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TR 22.950 Priority service feasibility study

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / - *rapporteur:* GARRAHAN, James Telcordia Technologies, Inc.  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-19	1	.	0	.	0	.	0	SP-020060	<a href="#">get it</a>
draft		1	.	1	.		.	0		
SP-16	2002-07-04	2	.	0	.	0	.	0	SP-020260	<a href="#">get it</a>
SP-16	2002-07-04	6	.	0	.		.	0		<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.		.	0		<a href="#">get it</a>
SP-19	2003-03-25	6	.	2	.		.	0		<a href="#">get it</a>
SP-24	2004-06-14	6	.	3	.		.	0		<a href="#">get it</a>
SP-26	2004-12-23	6	.	4	.		.	0		<a href="#">get it</a>

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## TR 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile International AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* *remarks - this release:* TP-16: anticipate v1.0.0 at TP-17.

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0	.	0	S1-020342	
SP-17	2002-09-16	1	.	0	.	0	.	0	SP-020565	<a href="#">get it</a>
SP-18	2002-12-18	2	.	0	.	0	.	0	SP-020668	<a href="#">get it</a>
SP-18	2002-12-18	6	.	0	.		.	0		<a href="#">get it</a>
SP-19	2003-03-25	6	.	1	.		.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 63

31 May 2005 21:13:21

ACTIVE specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.952 Priority service guide**

Rel-6 *current version:* 6.2.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* GARRAHAN, James Telcordia Technologies, Inc.

*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Work item = PRIOR.

*remarks - this release:* SP-21: S2: "No stage 2 TS needed." Target is to approve at SP-22. SP-22: Concerns that the TR may have been drafted to meet US legislation only.

*history (event, available, version, comments, hyperlink):*

S1-19		0	.	1	.	0	
S1-19		0	.	2	.	0	
draft		0	.	3	.	0	
draft		0	.	4	.	0	
S1-20		0	.	5	.	0	
S1-21		0	.	6	.	0	
SP-21	2003-09-29	1	.	0	.	0	SP-030470
SP-22	2004-01-05	2	.	0	.	0	SP-030709
SP-22	2004-01-09	6	.	0	.	0	
SP-24	2004-06-14	6	.	1	.	0	
SP-26	2004-12-23	6	.	2	.	0	

[get it](#)

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**TR 22.977 Feasibility study for speech-enabled services**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile International AG

*G:* U: yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S1-14		0	.	0	.	0	
S1-15		0	.	1	.	0	
S1 SES		0	.	2	.	0	
S1 SES		0	.	3	.	0	
SP-16	2002-07-04	1	.	0	.	0	SP-020259
SP-17	2002-09-19	2	.	0	.	0	SP-020570
SP-17	2002-09-16	6	.	0	.	0	

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 64

31 May 2005 21:13:21

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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Rel-6 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.002 Network architecture**

Rel-6 current version: 6.7.0  
freeze\_meeting: SP-26

WG (prime / other): S2 / - rapporteur: MILINSKI, Alexander SIEMENS AG  
G: yes U: yes MCC: POPE, Maurice

remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-19	2003-03-27	6 . 0 . 0	<a href="#">get it</a>
correct cover sheet post SP-19	2003-03-31	6 . 0 . 1	<a href="#">get it</a>
SP-20	2003-06-20	6 . 1 . 0	<a href="#">get it</a>
SP-21	2003-10-01	6 . 2 . 0	<a href="#">get it</a>
SP-22	2004-01-06	6 . 3 . 0	<a href="#">get it</a>
SP-23	2004-04-01	6 . 4 . 0	<a href="#">get it</a>
SP-24	2004-06-23	6 . 5 . 0	<a href="#">get it</a>
SP-26	2005-01-05	6 . 6 . 0	<a href="#">get it</a>
SP-27	2005-03-24	6 . 7 . 0	<a href="#">get it</a>

---

**TS 23.003 Numbering, addressing and identification**

Rel-6 current version: 6.6.0  
freeze\_meeting: NP-26

WG (prime / other): C4 / - rapporteur: RUSSELL, Nick VODAFONE LTD  
G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-21	2003-10-09	6 . 0 . 0	<a href="#">get it</a>
NP-22	2004-01-12	6 . 1 . 0	<a href="#">get it</a>
NP-23	2004-03-23	6 . 2 . 0	<a href="#">get it</a>
		Implements, inter alia, CR083r2 accidentally omitted from v6.1.0.	
NP-24	2004-06-15	6 . 3 . 0	<a href="#">get it</a>
NP-25	2004-09-30	6 . 4 . 0	<a href="#">get it</a>
NP-26	2004-12-23	6 . 5 . 0	<a href="#">get it</a>
NP-27	2005-04-01	6 . 6 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 65

31 May 2005 21:13:21

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.007 Restoration procedures

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-23	2004-03-23	6	.	0	.	0	<a href="#">get it</a>
NP-25	2004-09-30	6	.	1	.	0	<a href="#">get it</a>

---

## TS 23.008 Organisation of subscriber data

Rel-6 *current version:* 6.5.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-12	6	.	0	.	0	<a href="#">get it</a>
NP-23	2004-03-23	6	.	1	.	0	<a href="#">get it</a>
NP-24	2004-06-15	6	.	2	.	0	<a href="#">get it</a>
NP-25	2004-09-30	6	.	3	.	0	<a href="#">get it</a>
NP-26	2004-12-23	6	.	4	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	5	.	0	<a href="#">get it</a>

---

## TS 23.009 Handover procedures

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 66

31 May 2005 21:13:21

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.011 Technical realization of Supplementary Services

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19 2003-04-04 6 . 0 . 0 [get it](#)

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## TS 23.012 Location management procedures

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-23 2004-03-23 6 . 0 . 0 [get it](#)  
NP-24 2004-06-15 6 . 1 . 0 [get it](#)  
NP-25 2004-09-30 6 . 2 . 0 [get it](#)  
NP-27 2005-04-04 6 . 3 . 0 [get it](#)

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## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Should not be in UMTS ???CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 67

31 May 2005 21:13:21

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24 2004-06-15 6 . 0 . 0 [get it](#)

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## TS 23.016 Subscriber data management; Stage 2

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19 2003-04-04 6 . 0 . 0 [get it](#)  
NP-23 2004-03-23 6 . 1 . 0 [get it](#)

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## TS 23.018 Basic Call Handling; Technical realization

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-21 2003-10-09 6 . 0 . 0 [get it](#)  
NP-22 2004-01-12 6 . 1 . 0 [get it](#)  
NP-23 2004-03-23 6 . 2 . 0 [get it](#)  
NP-25 2004-09-30 6 . 3 . 0 [get it](#)  
NP-27 2005-04-01 6 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 68

31 May 2005 21:13:21

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.031 Fraud Information Gathering System (FIGS); Service description; Stage 2**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.  
Rel-5 -> 23.031.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 23.032 Universal Geographical Area Description (GAD)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:* S2 responsibility? *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* SITCH, Paul NOKIA Corporation  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 69

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.035 Immediate Service Termination (IST); Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 23.038 Alphabets and language-specific information**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-21 2003-10-03 6 . 0 . 0 [get it](#)  
TP-25 2004-09-23 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 70

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-6 *current version:* 6.5.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-17	2002-09-18	6	.	0	.	0	<a href="#">get it</a>
post TP-17: adds	2002-09-24	6	.	0	.	1	<a href="#">get it</a>
test vector file							
TP-20	2003-06-26	6	.	1	.	0	<a href="#">get it</a>
TP-21	2003-10-08	6	.	2	.	0	<a href="#">get it</a>
TP-23	2004-03-26	6	.	3	.	0	<a href="#">get it</a>
TP-24	2004-06-18	6	.	4	.	0	<a href="#">get it</a>
TP-25	2004-09-23	6	.	5	.	0	<a href="#">get it</a>

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## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-17	2002-09-18	6	.	0	.	0	<a href="#">get it</a>
TP-19	2003-03-25	6	.	1	.	0	<a href="#">get it</a>
TP-22	2004-01-09	6	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 71

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.042 Compression algorithm for SMS

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* TP-26  
*remarks - general:* TP-27: Former WG = T2.

*WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:* No draft.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* TP-26

*WG (prime / other):* S1 / - *rapporteur:* BRENK, Lars TTP Communications plc  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Apr-2001: " Station Application" removed from title. SP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16 2002-06-28 6 . 0 . 0 [get it](#)  
TP-17 2002-09-18 6 . 1 . 0 [get it](#)  
TP-21 2003-10-14 6 . 2 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 72

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2**

Rel-6 *current version:* 6.8.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19	2003-03-27	6 . 0 . 0	<a href="#">get it</a>
SP-20	2003-06-20	6 . 1 . 0	<a href="#">get it</a>
SP-21	2003-10-01	6 . 2 . 0	<a href="#">get it</a>
SP-22	2004-01-06	6 . 3 . 0	<a href="#">get it</a>
SP-23	2004-04-01	6 . 4 . 0	<a href="#">get it</a>
SP-24	2004-06-23	6 . 5 . 0	<a href="#">get it</a>
SP-25	2004-09-27	6 . 6 . 0	<a href="#">get it</a>
SP-26	2005-01-05	6 . 7 . 0	<a href="#">get it</a>
SP-27	2005-03-24	6 . 8 . 0	<a href="#">get it</a>

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**TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4, CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6 . 0 . 0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 73

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19	2003-04-04	6	.	0	.	0		<a href="#">get it</a>
NP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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**TS 23.072 Call Deflection Supplementary Service; Stage 2**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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**TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2**

Rel-6 *current version:* 6.5.0 *WG (prime / other):* C4 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-07	6	.	0	.	0		<a href="#">get it</a>
NP-23	2004-04-01	6	.	1	.	0		<a href="#">get it</a>
NP-24	2004-06-17	6	.	2	.	0		<a href="#">get it</a>
NP-25	2004-09-30	6	.	3	.	0		<a href="#">get it</a>
NP-26	2005-01-19	6	.	4	.	0		<a href="#">get it</a>
NP-26	2005-01-21	6	.	4	.	1	updated SDLs	<a href="#">get it</a>
NP-27	2005-04-01	6	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 74

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CR at TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.081 Line Identification supplementary services; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-25 2004-09-30 6 . 0 . 0 [get it](#)

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## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 75

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-6      *current version:* 6.0.0      *WG (prime / other):* C4 / -      *rapporteur:* RUSSELL, Nick      VODAFONE LTD  
*freeze\_meeting:* NP-26      *G: yes U: yes*      *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze      [get it](#)

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## TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

Rel-6      *current version:* 6.0.0      *WG (prime / other):* C4 / -      *rapporteur:* RUSSELL, Nick      VODAFONE LTD  
*freeze\_meeting:* NP-26      *G: yes U: yes*      *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze      [get it](#)

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## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

Rel-6      *current version:* 6.0.0      *WG (prime / other):* C4 / -      *rapporteur:* WIEHE, Ulrich      Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26      *G: yes U: yes*      *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze      [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 76

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19 2003-04-04 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 77

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* NP-26

*WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* NP-26

*WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* NP-26

*WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 78

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.094 Follow Me Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4. GSM only @TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22 2004-01-12 6 . 0 . 0

[get it](#)

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**TS 23.096 Name Identification Supplementary Service; Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 79

31 May 2005 21:13:22

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.101 General UMTS Architecture**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S2 / - *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 23.107 Quality of Service (QoS) concept and architecture**

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S2 / - *rapporteur:* RINNE, Janne NOKIA Corporation  
*G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:* was 23.907. SP-27: scope includes GERAN as well as UTRAN, so this spec will now appear in 01.01 / 41.101 henceforward.

*remarks - this release:* SP-22: Rel-6 doc not to be created yet. CRs kept on ice.

*history (event, available, version, comments, hyperlink):*

SP-22 2004-01-06 6 . 0 . 0 SP-22: Rel-6 doc not to be created yet. [get it](#)  
CRs kept on ice.

SP-23 2004-04-01 6 . 1 . 0 [get it](#)

SP-26 2005-01-05 6 . 2 . 0 [get it](#)

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**TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* NP-26

*WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* This is clause 7 from 04.08 ex R98.CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 80

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.110 UMTS Access Stratum Services and Functions

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S2 / - *rapporteur:* LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One  
*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.116 Super-Charger technical realization; Stage 2

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* NP-26

*WG (prime / other):* C4 / - *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.119 Gateway Location Register (GLR); Stage2

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* NP-26

*WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 81

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of R98 features.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
NP-24	2004-06-15	6	.	1	.	0		<a href="#">get it</a>
NP-25	2004-09-27	6	.	2	.	0		<a href="#">get it</a>
NP-26	2005-01-07	6	.	3	.	0		<a href="#">get it</a>
NP-27	2005-04-01	6	.	4	.	0		<a href="#">get it</a>

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## TS 23.125 Overall high level functionality and architecture impacts of flow based charging; Stage 2

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S2 / - *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* U: yes *MCC:* POPE, Maurice  
*remarks - general:* WI UID = 32030. *remarks - this release:* SP-23: to be completed by SP-24.

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
Moved text from TR 23.825 v 1.4.0	2004-02-05	0	.	1	.	0		<a href="#">get it</a>
S2-38		0	.	2	.	0	several drafts of this version distributed within S2	
post S2-38	2004-02-27	0	.	2	.	1		<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040050	<a href="#">get it</a>
SP-23	2004-04-01	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-22	6	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	2	.	0		<a href="#">get it</a>
SP-26	2005-01-06	6	.	3	.	0		<a href="#">get it</a>
SP-27	2005-03-24	6	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 82

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.135 Multicall supplementary service; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-6 *current version:* 6.9.0 *WG (prime / other):* CP / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:* TP-22: Discussed whether this work would be transferred to OMA for future Releases (I.e. beyond Rel-6). But there are IPR problems. TP-27: IPR probs solved, further Releases will be done in OMA.

*history (event, available, version, comments, hyperlink):*

TP-18 2002-12-20 6 . 0 . 0 [get it](#)  
TP-19 2003-03-31 6 . 1 . 0 [get it](#)  
TP-20 2003-06-26 6 . 2 . 0 [get it](#)  
TP-21 2003-10-08 6 . 3 . 0 [get it](#)  
TP-22 2004-01-12 6 . 4 . 0 [get it](#)  
TP-23 2004-03-26 6 . 5 . 0 [get it](#)  
TP-24 2004-06-17 6 . 6 . 0 [get it](#)  
TP-25 2004-09-27 6 . 7 . 0 [get it](#)  
TP-26 2005-01-03 6 . 8 . 0 [get it](#)  
TP-27 2005-04-04 6 . 9 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 83

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.141 Presence service; Architecture and functional description; Stage 2

Rel-6 *current version:* 6.7.0 *WG (prime / other):* S2 / *rapporteur:* BERTENYI, Balazs NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2002-06-17	0	.	0	.	0		<a href="#">get it</a>
SP-17	2002-10-04	1	.	0	.	0	SP-020538 for approval	<a href="#">get it</a>
SP-17	2002-10-07	6	.	0	.	0	Many editorial corrections needed before fit for SDO publication.	<a href="#">get it</a>
SP-18	2003-01-10	6	.	1	.	0		<a href="#">get it</a>
SP-19	2003-03-27	6	.	2	.	0		<a href="#">get it</a>
SP-20	2003-06-20	6	.	3	.	0		<a href="#">get it</a>
SP-21	2003-10-01	6	.	4	.	0		<a href="#">get it</a>
SP-23	2004-04-01	6	.	5	.	0		<a href="#">get it</a>
SP-24	2004-06-23	6	.	6	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	7	.	0		<a href="#">get it</a>

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## TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 84

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 [get it](#)  
NP-27 2005-04-01 6 . 1 . 0 [get it](#)

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## TS 23.172 Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-23 2004-03-22 6 . 0 . 0 [get it](#)  
NP-25 2004-09-28 6 . 1 . 0 [get it](#)  
NP-27 2005-04-01 6 . 2 . 0 [get it](#)

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## TS 23.174 Push service; stage 2

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to reserve the number just in case ...". *remarks - this release:* SP-17: Rel-5 -> Rel-6 to accord with stage 1.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 85

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.195 Provision of User Equipment Specific Behaviour Information (UESBI) to network entities**  
Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Created as a result of 23.895. *remarks - this release:* SP-20: is in fact a Rel-5 doc, so withdrawn. SP-26: Rel-6 reintroduced (unwithdrawn) when Rel-6 frozen.

*history (event, available, version, comments, hyperlink):*

---

**TS 23.198 Open Service Access (OSA); Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* NP-25: Anticipate approval NP-26; see LS in SP-040493.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Anticipate v1.0.0 at NP-26. NP-26: Anticipate approval NP-27.

*history (event, available, version, comments, hyperlink):*

NP-26	2004-12-21	1	.	0	.	0	NP-040488	<a href="#">get it</a>
NP-27	2005-03-21	2	.	0	.	0	NP-050022	<a href="#">get it</a>
NP-27	2005-03-21	2	.	0	.	1	NP-030131	<a href="#">get it</a>
NP-27	2005-03-30	6	.	0	.	0		<a href="#">get it</a>

---

**TS 23.202 Circuit switched data bearer services**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* Derived from 23.910.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-26	2004-12-21	1	.	0	.	0	NP-040565	<a href="#">get it</a>
NP-26	2004-12-21	1	.	0	.	1	NP-040607	<a href="#">get it</a>
NP-26	2005-01-07	6	.	0	.	0		<a href="#">get it</a>
NP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 86

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2000-10: Rap change from Keutmann.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
NP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

---

## TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-10-01	6	.	0	.	0		<a href="#">get it</a>
SP-22	2004-01-06	6	.	1	.	0		<a href="#">get it</a>
SP-22	2004-01-22	6	.	1	.	1	Implements CRs 65, 66, 67	<a href="#">get it</a>
SP-23	2004-04-01	6	.	2	.	0		<a href="#">get it</a>
SP-24	2004-06-23	6	.	3	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 87

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-06	6	.	0	.	0	<a href="#">get it</a>
NP-23	2004-03-22	6	.	1	.	0	<a href="#">get it</a>
NP-25	2004-09-27	6	.	2	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	3	.	0	<a href="#">get it</a>

---

## TS 23.221 Architectural requirements

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* Derived from R99-specific 23.121 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19	2003-03-27	6	.	0	.	0	<a href="#">get it</a>
SP-21	2003-10-01	6	.	1	.	0	<a href="#">get it</a>
SP-23	2004-04-01	6	.	2	.	0	<a href="#">get it</a>
SP-24	2004-06-23	6	.	3	.	0	<a href="#">get it</a>

---

## TS 23.226 Global text telephony (GTT); Stage 2: Architecture

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:* HELLSTROM, Gunnar Omnitron AB  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 88

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-6 *current version:* 6.9.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies

*G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* SP-21: Envisage modifications to cater for PoC feature.

### *history (event, available, version, comments, hyperlink):*

	SP-18	2003-01-07	6 . 0 . 0		<a href="#">get it</a>
edito post	SP-18	2003-01-07	6 . 0 . 1	corrects Rel shown on front cover.	<a href="#">get it</a>
	SP-19	2003-03-27	6 . 1 . 0		<a href="#">get it</a>
	SP-20	2003-06-23	6 . 2 . 0		<a href="#">get it</a>
	SP-21	2003-10-01	6 . 3 . 0		<a href="#">get it</a>
	SP-22		6 . 4 . 0	never issued	
	SP-22	2004-01-06	6 . 4 . 1	corrects omitted CR	<a href="#">get it</a>
	SP-23	2004-04-01	6 . 5 . 0		<a href="#">get it</a>
	SP-24	2004-06-21	6 . 6 . 0		<a href="#">get it</a>
	SP-25	2004-09-27	6 . 7 . 0		<a href="#">get it</a>
	SP-26	2005-01-07	6 . 8 . 0		<a href="#">get it</a>
	SP-27	2005-03-24	6 . 9 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 89

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.234 3GPP system to Wireless Local Area Network (WLAN) interworking; System description

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S2 / - *rapporteur:* MARTIQUET, Nicolas France Telecom  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* SP-18: Anticipate approval SP-19. SP-19: Doc has been split into scenario 2 and scenario 3 parts, and will be for approval at SP-20.

*history (event, available, version, comments, hyperlink):*

conversion from 0 . 1 . 0

23.934 v0.5.0

SP-17	2002-10-04	1 . 0 . 0	SP-020537 Title on doc does not coincide with database (which bears same title as 23.934). <a href="#">get it</a>
draft	2003-01-06	1 . 2 . 1	<a href="#">get it</a>
draft	2003-01-08	1 . 3 . 0	<a href="#">get it</a>
SP-19	2003-03-24	1 . 6 . 0	Annexed to LS in SP-030065 (ex S2-030727), <a href="#">get it</a>
S2-31		1 . 7 . 0	
draft	2003-04-25	1 . 8 . 0	<a href="#">get it</a>
SP-20	2003-06-17	1 . 10 . 0	SP-030313 <a href="#">get it</a>
S2-34		1 . 14 . 0	
SP-21	2003-09-29	2 . 0 . 0	SP-030391. Not approved - many outstanding issues (no. of scenarios, tunnelling, ...) <a href="#">get it</a>
SP-22	2003-12-02	2 . 3 . 0	S2-034357 = SP-030714, also as annex to SP-030664. But anticipate input from GSMA. Not aprvd. <a href="#">get it</a>
draft	2004-01-27	2 . 4 . 0	<a href="#">get it</a>
SP-23	2004-04-07	2 . 5 . 0	SP-040049 <a href="#">get it</a>
SP-23	2004-04-01	6 . 0 . 0	Much editorial work still to be done. <a href="#">get it</a>
SP-24	2004-06-22	6 . 1 . 0	<a href="#">get it</a>
SP-25	2004-09-27	6 . 2 . 0	<a href="#">get it</a>
SP-26	2005-01-07	6 . 3 . 0	<a href="#">get it</a>
SP-27	2005-03-24	6 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 90

31 May 2005 21:13:23

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.236 Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:* TERRILL, Stephen Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-6 *current version:* 6.7.0 *WG (prime / other):* S2 / *rapporteur:* KOSKINEN, Harri Nokia Telecommunications Inc.  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Cf work item 'Generic user profile'

*remarks - this release:* SP-19: moved from Rel-5

*history (event, available, version, comments, hyperlink):*

SP-19 2003-03-24 1 . 0 . 0 S2-030944 -> SP-030031 [get it](#)  
S2-31 2003-04-22 1 . 1 . 0 [get it](#)  
S2-32 2003-05-26 1 . 2 . 0 S2-032170 [get it](#)  
SP-20 2003-05-26 2 . 0 . 0 S2-032171 -> SP-030310 [get it](#)  
SP-20 2003-06-20 6 . 0 . 0 [get it](#)  
SP-21 2003-10-01 6 . 1 . 0 [get it](#)  
SP-22 2004-01-06 6 . 2 . 0 [get it](#)  
SP-23 2004-04-01 6 . 3 . 0 [get it](#)  
SP-24 2004-06-21 6 . 4 . 0 [get it](#)  
SP-25 2004-09-27 6 . 5 . 0 [get it](#)  
SP-26 2005-01-05 6 . 6 . 0 [get it](#)  
SP-27 2005-03-29 6 . 7 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 91

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-6 *current version:* 6.6.0 *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (3)  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in *remarks - this release:* SP-15: from Rel-5.  
23.846.

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
S2-27	2002-11-14	0	.	1	.	0		<a href="#">get it</a>
S2-28		0	.	2	.	0		
add TS number	2002-12-18	0	.	2	.	1		<a href="#">get it</a>
S2-29	2003-02-24	0	.	3	.	0		<a href="#">get it</a>
S2-30		0	.	4	.	0	SP-19: was to have been SP-030128 but never presented (withdrawn unseen from mtg)	
S2-31	2003-04-29	0	.	5	.	0		<a href="#">get it</a>
S2-32		0	.	6	.	0		
SP-20	2003-06-17	1	.	0	.	0	SP-030312	<a href="#">get it</a>
S2-33	2003-07-17	1	.	1	.	0		<a href="#">get it</a>
S2-34		1	.	2	.	0		
editorial		1	.	2	.	1		
SP-21	2003-09-29	2	.	0	.	0	SP-030390	<a href="#">get it</a>
SP-21	2003-10-08	6	.	0	.	0		<a href="#">get it</a>
SP-22	2004-01-06	6	.	1	.	0		<a href="#">get it</a>
SP-23	2004-04-01	6	.	2	.	0		<a href="#">get it</a>
SP-24	2004-06-23	6	.	3	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	4	.	0		<a href="#">get it</a>
SP-26	2005-01-13	6	.	5	.	0		<a href="#">get it</a>
SP-27	2005-03-24	6	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 92

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.251 Network sharing; Architecture and functional description**

Rel-6 *current version:* 6.3.0  
*freeze\_meeting:* SP-26  
*remarks - general:* WI UID = 32044

*WG (prime / other):* S2 / *rapporteur:* NILSSON, Ulf TeliaSonera AB  
*G:* U: yes *MCC:* POPE, Maurice  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
draft	2004-05-07	0	.	1	.	0		<a href="#">get it</a>
draft		0	.	2	.	0		
draft	2004-05-26	0	.	2	.	1	fixes ToC	<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040335	<a href="#">get it</a>
SP-24	2004-06-23	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	1	.	0		<a href="#">get it</a>
SP-26	2005-01-05	6	.	2	.	0		<a href="#">get it</a>
SP-27	2005-03-24	6	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 93

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.271 Functional stage 2 description of Location Services (LCS)

Rel-6 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards. *remarks - this release:* Continues 23.871

### *history (event, available, version, comments, hyperlink):*

SP-16	2002-06-18	6	.	0	.	0	<a href="#">get it</a>
SP-17	2002-10-02	6	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-09	6	.	2	.	0	<a href="#">get it</a>
SP-19	2003-03-27	6	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-23	6	.	4	.	0	<a href="#">get it</a>
SP-21	2003-10-02	6	.	5	.	0	<a href="#">get it</a>
SP-22	2004-01-06	6	.	6	.	0	<a href="#">get it</a>
SP-23	2004-04-01	6	.	7	.	0	<a href="#">get it</a>
SP-24	2004-06-23	6	.	8	.	0	<a href="#">get it</a>
SP-25	2004-09-27	6	.	9	.	0	<a href="#">get it</a>
SP-26	2005-01-06	6	.	10	.	0	<a href="#">get it</a>
SP-27	2005-03-24	6	.	11	.	0	<a href="#">get it</a>

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## TS 23.278 Customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2001-10-26: renumbered from 23.178. NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

### *history (event, available, version, comments, hyperlink):*

NP-26	2005-01-19	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 94

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.801 Potential mechanisms for Circuit Switched (CS) domain video and voice service improvements**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* POPE, Maurice

*remarks - general:* WI = SP-040043. SP-25: this is a place holder for long-term discussion, but may eventually be abandoned. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-14 1 . 0 . 0 SP-040336 [get it](#)

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**TR 23.835 Study into applicability of Galileo in Location Services (LCS)**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* DAMIDAUX, Jean-louis ALCATEL S.A.  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* POPE, Maurice

*remarks - general:* WID contained in S2-022472. See also [http://www.esa.int/export/esaSA/GGGMX650NDC\\_navigation\\_0.html](http://www.esa.int/export/esaSA/GGGMX650NDC_navigation_0.html). *remarks - this release:* SP-26: May turn out to be Rel-7, may be clearer at SP-27.

*history (event, available, version, comments, hyperlink):*

S2-30 0 . 0 . 0  
S2-31 2003-04-14 0 . 0 . 1 S2-031153 [get it](#)  
S2-31 0 . 0 . 2  
S2-31 0 . 1 . 0  
S2-31 0 . 2 . 0  
SP-20 2003-05-28 1 . 0 . 0 SP-030311 [get it](#)

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**TR 23.841 Presence service architecture**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / *rapporteur:* BERTENYI, Balazs NOKIA Corporation  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* POPE, Maurice

*remarks - general:* *remarks - this release:* TP-16: clear that service is Rel-6.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-22 2 . 0 . 0 SP-020319 [get it](#)  
SP-16 2002-07-25 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 95

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (3)  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* This is a preparatory report which may result in the creation of a stage 2 TS 23.246. *remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5.

### *history (event, available, version, comments, hyperlink):*

draft	2002-04-12	0 . 3 . 0		<a href="#">get it</a>
S2-24		0 . 4 . 0		
post S2-24	2002-05-22	0 . 5 . 0		<a href="#">get it</a>
draft	2002-05-28	0 . 5 . 1		<a href="#">get it</a>
SP-16	2002-07-04	1 . 0 . 0	SP-020361	<a href="#">get it</a>
draft	2002-07-19	1 . 1 . 0		<a href="#">get it</a>
draft	2002-07-22	1 . 1 . 1		<a href="#">get it</a>
draft	2002-09-16	1 . 2 . 0		<a href="#">get it</a>
SP-17	2002-09-24	2 . 0 . 0	SP-020535	<a href="#">get it</a>
SP-17	2002-10-03	6 . 0 . 0		<a href="#">get it</a>
SP-18	2003-01-13	6 . 1 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 96

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.851 Network sharing; Architecture and functional description**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / *rapporteur:* NILSSON, Ulf TeliaSonera AB  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* WI UID = 32044 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0			
draft		0	.	1	.	0			
S2-32	2003-05-02	0	.	2	.	0	S2-031973	<a href="#">get it</a>	
S2-33	2003-08-19	0	.	4	.	0		<a href="#">get it</a>	
S2-33	2003-08-19	0	.	4	.	1		<a href="#">get it</a>	
draft	2003-08-29	0	.	5	.	0		<a href="#">get it</a>	
SP-21	2003-09-29	1	.	0	.	0	SP-030388	<a href="#">get it</a>	
draft	2003-11-17	1	.	1	.	0		<a href="#">get it</a>	
S2-36		1	.	2	.	0			
S2-38	2004-03-03	1	.	3	.	0		<a href="#">get it</a>	
SP-23	2004-03-22	2	.	0	.	0	SP-040051	<a href="#">get it</a>	
SP-23	2004-04-01	6	.	0	.	0		<a href="#">get it</a>	
SP-24	2004-06-25	6	.	1	.	0		<a href="#">get it</a>	

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**TR 23.864 Commonality and interoperability between IP Multimedia System (IMS) core networks**

Rel-6 *current version:* 0.6.0 *DRAFT* *WG (prime / other):* S2 / - *rapporteur:* BERTENYI, Balazs NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: U: yes* *MCC:* POPE, Maurice  
*remarks - general:* Was briefly 23.964. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S2-29	2003-02-03	0	.	3	.	1	2003-02-03: Renumbered to 23.864.	<a href="#">get it</a>	
draft	2003-02-24	0	.	4	.	0		<a href="#">get it</a>	
draft	2003-02-24	0	.	4	.	1		<a href="#">get it</a>	
draft	2003-03-24	0	.	5	.	0		<a href="#">get it</a>	
S2-31	2003-04-22	0	.	6	.	0	inc S2-031533	<a href="#">get it</a>	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 97

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
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**TR 23.867 Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* LIEBHART, Rainer SIEMENS AG  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* 2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060 and 23.228. *remarks - this release:* SP-26: Estimate approval at SP-28.

*history (event, available, version, comments, hyperlink):*

post S2-30 2003-04-02 0 . 0 . 0 based on S2-030911rev7 and S2-030551. [get it](#)  
draft 2003-04-17 0 . 1 . 0 [get it](#)  
post S2-32 2003-06-17 0 . 2 . 0 [get it](#)  
post S2-33 2003-07-15 0 . 3 . 0 [get it](#)  
S2-34 2003-09-04 0 . 4 . 0 [get it](#)  
S2-35 0 . 5 . 0  
S2-36 2004-01-03 0 . 6 . 0 [get it](#)  
S2-43 0 . 7 . 0  
draft 2004-12-20 0 . 7 . 1 [get it](#)  
draft 2005-02-21 0 . 8 . 0 [get it](#)  
S2-45 2005-04-21 0 . 9 . 0 [get it](#)  
SP-28 ex S2-46 2005-05-20 1 . 0 . 0 [get it](#)

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**TR 23.877 Architectural aspects of speech-enabled services**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:* XUAN, Qing VODAFONE Group Plc  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* WID = SP-030305 (though this tdoc is actually withdrawn!). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S2-34 2003-08-21 0 . 0 . 0 S2-033088 [get it](#)  
S2-35 2003-11-03 0 . 0 . 1 S2-033558 [get it](#)  
SP-22 2004-01-05 1 . 0 . 0 SP-030663 [get it](#)  
draft 2004-01-21 1 . 1 . 0 [get it](#)  
S2-38 1 . 2 . 0  
SP-23 2004-03-22 2 . 0 . 0 SP-040047 [get it](#)  
SP-23 2004-04-01 6 . 0 . 0 G2 & S4 will use results to see if any [get it](#)  
improvements are required in their specs

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 98

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.895 Provision of UE specific behaviour information to network entities**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	4	.	0				
SP-18	2003-01-10	1	.	0	.	0	SP-020797 for approval		<a href="#">get it</a>	
SP-18	2003-01-13	6	.	0	.	0	Anticipate CR next mtg to clarify that this is not a loophole to allow untested UEs to be placed on the market.		<a href="#">get it</a>	
SP-19	2003-03-27	6	.	1	.	0			<a href="#">get it</a>	
SP-20	2003-06-20	6	.	2	.	0			<a href="#">get it</a>	

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**TR 23.899 Combining Circuit Switched (CS) bearers with IP Multimeida Subsystem (IMS)**

Rel-6 *current version:* 1.1.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* WATSON, Mark Digital Fountain  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* SP-23: WI = SP-040044. SP-25: expected approval at SP-27. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-04-16	0	.	0	.	0			<a href="#">get it</a>	
S2-39	2004-04-28	0	.	1	.	0			<a href="#">get it</a>	
S2-40	2004-05-27	0	.	2	.	0			<a href="#">get it</a>	
S2-41		0	.	3	.	0				
S2-42	2004-10-26	0	.	4	.	0			<a href="#">get it</a>	
draft		0	.	4	.	1				
S2-43	2004-12-03	0	.	5	.	0	S2-043890		<a href="#">get it</a>	
SP-26	2004-12-21	1	.	0	.	0	SP-040748		<a href="#">get it</a>	
S2-44	2005-02-25	1	.	1	.	0			<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 99

31 May 2005 21:13:24

ACTIVE specs Rel-6 23 .- series  
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**TR 23.903 Redial solution for voice-video switching**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* SP-24: WI = SP-040331 *remarks - this release:* SP-25: anticipate approval at SP-26.

*history (event, available, version, comments, hyperlink):*

S1-41	2004-08-03	0	.	0	.	1		<a href="#">get it</a>
SP-25	2004-09-20	1	.	0	.	0	SP-040535	<a href="#">get it</a>
SP-26	2004-12-21	2	.	0	.	0	SP-040822	<a href="#">get it</a>
SP-26	2005-01-05	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-03-24	6	.	1	.	0		<a href="#">get it</a>

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**TR 23.934 3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* PAINT, Frédéric Telenor AS  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.

*history (event, available, version, comments, hyperlink):*

S2-24	2002-05-07	0	.	1	.	0		<a href="#">get it</a>
SP-17	2002-09-24	1	.	0	.	0	SP-020536	<a href="#">get it</a>

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**TR 23.941 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2004-11-16: N4 create this from TS 23.241 which is to be withdrawn. SP-27: *remarks - this release:*  
the previous decision to transfer work from S1 to N4 is confirmed. CP-27:  
change of WG as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

NP-26	2004-12-21	2	.	0	.	0	NP-040539	<a href="#">get it</a>
NP-26	2005-01-07	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 100

31 May 2005 21:13:25

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.976 Push architecture**

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S2 / - *rapporteur:* ALFANO, Nicholas Research In Motion Limited  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* 2003-02-04: 23.876 -> 23.976

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S2-29		0	.	0	.	0		
S2-29	2003-02-03	0	.	0	.	1		<a href="#">get it</a>
draft	2003-02-24	0	.	1	.	0		<a href="#">get it</a>
draft	2003-03-24	0	.	2	.	0		<a href="#">get it</a>
S2-31	2003-05-05	0	.	3	.	0		<a href="#">get it</a>
S2-32	2003-05-27	0	.	4	.	0		<a href="#">get it</a>
S2-33	2003-07-30	0	.	5	.	0		<a href="#">get it</a>
S2-34		0	.	6	.	0		
SP-21	2003-09-29	1	.	0	.	0	SP-030387	<a href="#">get it</a>
S2-35		1	.	1	.	0		
S2-36	2004-01-03	1	.	2	.	0		<a href="#">get it</a>
S2-37	2004-01-20	1	.	3	.	0		<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040046	<a href="#">get it</a>
SP-23	2004-04-06	6	.	0	.	0	known outstanding issue	<a href="#">get it</a>
SP-23	2004-04-07	6	.	0	.	1	supplies missing abbreviations	<a href="#">get it</a>
SP-24	2004-06-23	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 101

31 May 2005 21:13:25

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.977 Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / *rapporteur:* SEISER, Franz T-Mobile AUSTRIA GmbH  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Work Item: Bandwidth and Resource savings and Speech enhancements for CS networks (S2-032137) *remarks - this release:* SP-23: anticipate v2.0.0 at SP-24.

*history (event, available, version, comments, hyperlink):*

S2-33		0	.	0	.	0	.	0				
S2-33	2003-07-30	0	.	1	.	0	.	0	Bears wrong number on cover sheet.		<a href="#">get it</a>	
draft	2003-07-30	0	.	1	.	1	.	1	Corrects number on cover page!		<a href="#">get it</a>	
S2-34	2003-09-26	0	.	2	.	0	.	0			<a href="#">get it</a>	
S2-35	2003-11-12	0	.	3	.	0	.	0	S2-033741		<a href="#">get it</a>	
SP-22	2004-01-05	1	.	0	.	0	.	0	SP-030713		<a href="#">get it</a>	
S2-37	2004-01-21	1	.	1	.	0	.	0			<a href="#">get it</a>	
S2-38	2004-02-26	1	.	2	.	0	.	0			<a href="#">get it</a>	
S2-39	2004-04-27	1	.	3	.	0	.	0			<a href="#">get it</a>	
SP-24	2004-06-14	2	.	0	.	0	.	0	SP-040445		<a href="#">get it</a>	
SP-24	2004-06-21	6	.	0	.	0	.	0			<a href="#">get it</a>	
SP-25	2004-09-27	6	.	1	.	0	.	0			<a href="#">get it</a>	

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# 3GPP specification status

Page 102

31 May 2005 21:13:25

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.979 3GPP enablers for Open Mobile Alliance (OMA) Push-to-talk over Cellular (PoC) services; Stage 2**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / *rapporteur:* SULTANA, Shabnam Telefon AB LM Ericsson

*freeze\_meeting:* SP-26

*G:* *U:* yes

*MCC:* POPE, Maurice

*remarks - general:* SP-21: WI = SP-030540

*remarks - this release:* SP-23: will be stabilized 3 months after OMA PoC AD work completed. SP-25: anticipate approval at SP-26.

*history (event, available, version, comments, hyperlink):*

draft	2003-10-20	0 . 0 . 0	<a href="#">get it</a>
post S2-35		0 . 1 . 0	
S2-36	2004-01-03	0 . 2 . 0	<a href="#">get it</a>
S2-38	2004-03-03	0 . 3 . 0	<a href="#">get it</a>
S2-39	2004-05-12	0 . 4 . 0	<a href="#">get it</a>
draft		0 . 5 . 0	
S2-40		0 . 6 . 0	S2-042282
SP-24	2004-06-14	1 . 0 . 0	SP-040333
S2-41	2004-08-30	1 . 1 . 0	<a href="#">get it</a>
draft	2004-10-18	1 . 2 . 0	<a href="#">get it</a>
draft		1 . 2 . 1	
draft	2004-11-26	1 . 3 . 0	S2-043896rev1
SP-26	2004-12-21	2 . 0 . 0	SP-040749
SP-26	2005-01-05	6 . 0 . 0	<a href="#">get it</a>
SP-27	2005-03-24	6 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 103

31 May 2005 21:13:25

ACTIVE specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.981 Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert 23.881 to 23.981. Agreed at S2-39. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

S2-39	2004-05-04	1	.	1	.	0	derived from 23.981 v1.0.0	<a href="#">get it</a>
draft	2004-05-12	1	.	1	.	1		<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040337	<a href="#">get it</a>
SP-24	2004-06-23	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	1	.	0		<a href="#">get it</a>
SP-26	2005-01-05	6	.	2	.	0		<a href="#">get it</a>
SP-27	2005-03-24	6	.	3	.	0		<a href="#">get it</a>

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Rel-6 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

### *history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 104

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-08	6	.	0	.	0	<a href="#">get it</a>
NP-24	2004-06-21	6	.	1	.	0	<a href="#">get it</a>
NP-25	2004-09-27	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	3	.	0	<a href="#">get it</a>
NP-27	2005-03-21	6	.	4	.	0	<a href="#">get it</a>

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## TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

Rel-6 *current version:* 6.8.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19	2003-03-24	6	.	0	.	0	<a href="#">get it</a>
NP-20	2003-07-04	6	.	1	.	0	<a href="#">get it</a>
NP-21	2003-10-09	6	.	2	.	0	<a href="#">get it</a>
NP-22	2004-01-12	6	.	3	.	0	<a href="#">get it</a>
NP-23	2004-03-22	6	.	4	.	0	<a href="#">get it</a>
NP-24	2004-06-14	6	.	5	.	0	<a href="#">get it</a>
NP-25	2004-09-27	6	.	6	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	7	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 105

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-26  
G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-26  
G: yes U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-21 2003-10-10 6 . 0 . 0 [get it](#)

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**TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* NP-26  
G: yes U: yes *MCC:* HAN, Seung Don  
*remarks - general:* CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 106

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C4 / - *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-12	6	.	0	.	0	<a href="#">get it</a>
NP-23	2004-03-23	6	.	1	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	2	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	3	.	0	<a href="#">get it</a>

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## TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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## TS 24.072 Call Deflection Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 107

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-12	6	.	0	.	0	<a href="#">get it</a>
NP-23	2004-03-23	6	.	1	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	2	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	3	.	0	<a href="#">get it</a>

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**TS 24.081 Line Identification Supplementary Service; Stage 3**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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**TS 24.082 Call Forwarding supplementary service; Stage 3**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 108

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 109

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.087 User-to-User Signalling (UUS); Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19 2003-04-04 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 110

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 111

31 May 2005 21:13:25

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.109 Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C1 / *rapporteur:* VARGA, József NOKIA Corporation  
*freeze\_meeting:* NP-26 *G: U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* WI UID = 14504CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-03-22 0 . 0 . 1 [get it](#)  
N1-33b 2004-04-27 0 . 1 . 0 [get it](#)  
N1-34 2004-05-25 0 . 2 . 0 [get it](#)  
N1-34b 2004-07-01 0 . 3 . 0 N1-041286 [get it](#)  
N1-35 2004-08-31 2 . 0 . 0 [note that rapporteur produced a second version 2.0.0, which is ignored] [get it](#)  
post N1-35 2004-09-03 2 . 1 . 0 [get it](#)  
NP-25 2004-09-03 2 . 1 . 1 NP-040366 [get it](#)  
NP-25 2004-09-20 2 . 1 . 2 NP-040423 [get it](#)  
NP-25 2004-09-27 6 . 0 . 0 [get it](#)  
NP-26 2005-01-07 6 . 1 . 0 [get it](#)  
NP-27 2005-04-01 6 . 2 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 112

31 May 2005 21:13:26

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.135 Multicall supplementary service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 24.141 Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* WI = PRSNC (UID 2499)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-26: Expect completion by NP-27.

*history (event, available, version, comments, hyperlink):*

draft		0 . 0 . 1	
draft		0 . 0 . 2	
N1-31		0 . 0 . 3	
N1-31		0 . 0 . 4	
N1-31	2003-09-11	0 . 1 . 0	<a href="#">get it</a>
N1-32	2003-11-12	0 . 2 . 0	<a href="#">get it</a>
N1-33	2004-05-25	0 . 3 . 0	<a href="#">get it</a>
NP-24	2004-05-26	2 . 0 . 0	NP-040200 ex N1-34 <a href="#">get it</a>
NP-24	2004-06-14	6 . 0 . 0	<a href="#">get it</a>
NP-25	2004-09-27	6 . 1 . 0	<a href="#">get it</a>
NP-26	2005-01-11	6 . 2 . 0	<a href="#">get it</a>
NP-27	2005-03-21	6 . 3 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 113

31 May 2005 21:13:26

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.147 Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C1 / *rapporteur:* MAYER, Georg NOKIA Corporation  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-ECP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1			
draft		0	.	0	.	2			
draft	2003-06-30	0	.	0	.	3			<a href="#">get it</a>
draft	2003-06-30	0	.	0	.	4	technically identical to v003 but has the number on the front cover		<a href="#">get it</a>
draft	2003-07-10	0	.	0	.	5			<a href="#">get it</a>
draft	2003-09-12	0	.	1	.	0			<a href="#">get it</a>
N1-34	2004-05-24	1	.	0	.	0	Material was shifted from version 3GPP TR 29.847 version 2.0.0 based on the agreed CR in N1-040875.		<a href="#">get it</a>
post N1-34 editos	2004-05-25	1	.	0	.	1			<a href="#">get it</a>
N1-34b	2004-06-22	1	.	1	.	0			<a href="#">get it</a>
N1-35	2004-09-03	1	.	2	.	0			<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040367		<a href="#">get it</a>
NP-25	2004-09-27	6	.	0	.	0			<a href="#">get it</a>
NP-26	2005-01-07	6	.	1	.	0			<a href="#">get it</a>
NP-27	2005-04-01	6	.	2	.	0			<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 114

31 May 2005 21:13:26

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.167 3GPP IMS Management Object (MO); Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / *rapporteur:* MONRAD, Atle Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G:* U: yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
N1-36		0	.	0	.	2		
NP-26	2004-12-21	1	.	0	.	0	NP-040499	<a href="#">get it</a>
N1-37	2005-02-25	1	.	1	.	0		<a href="#">get it</a>
NP-27	2005-03-21	2	.	0	.	0	NP-050066	<a href="#">get it</a>
NP-27	2005-04-01	6	.	0	.	0		<a href="#">get it</a>

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## TS 24.229 Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-6 *current version:* 6.6.0 *WG (prime / other):* C1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* NP-14: confirmed that this is appropriate for GSM as well as UMTS. CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-21	2003-09-29	6	.	0	.	0		<a href="#">get it</a>
NP-22	2004-01-19	6	.	1	.	0		<a href="#">get it</a>
NP-23	2004-03-22	6	.	2	.	0		<a href="#">get it</a>
NP-24	2004-06-14	6	.	3	.	0		<a href="#">get it</a>
NP-25	2004-09-27	6	.	4	.	0		<a href="#">get it</a>
NP-26	2005-01-07	6	.	5	.	0		<a href="#">get it</a>
edito post NP-26	2005-01-10	6	.	5	.	1	fixes Word problem	<a href="#">get it</a>
NP-27	2005-04-01	6	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 115

31 May 2005 21:13:26

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.234 3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C1 / - *rapporteur:* SITCH, Paul NOKIA Corporation  
*freeze\_meeting:* NP-26 G: U: yes MCC: JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

N1-31		0	.	0	.	1			
N1-31	2003-09-29	0	.	1	.	0		<a href="#">get it</a>	
N1-32	2003-11-12	0	.	2	.	0		<a href="#">get it</a>	
NP-22	2004-01-05	1	.	0	.	0	NP-030491	<a href="#">get it</a>	
N1-32b	2004-02-02	1	.	1	.	0		<a href="#">get it</a>	
N1-33	2004-02-26	1	.	2	.	0		<a href="#">get it</a>	
N1-33b		1	.	3	.	0			
N1-34	2004-05-25	1	.	4	.	0		<a href="#">get it</a>	
draft	2004-05-27	1	.	4	.	1		<a href="#">get it</a>	
N1-34b	2004-07-02	1	.	5	.	0		<a href="#">get it</a>	
N1-34b		1	.	5	.	1	May possibly exist, though history box is unclear.		
N1-35	2004-08-30	1	.	6	.	0	Cover and history box erroneously shows v1.60.0	<a href="#">get it</a>	
NP-25	2004-09-20	2	.	0	.	0	NP-040365	<a href="#">get it</a>	
NP-25	2004-09-27	6	.	0	.	0		<a href="#">get it</a>	
NP-26	2005-01-07	6	.	1	.	0		<a href="#">get it</a>	
edito post NP-26	2005-01-10	6	.	1	.	1	fixes Word problem	<a href="#">get it</a>	
NP-27	2005-03-21	6	.	2	.	0		<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 116

31 May 2005 21:13:26

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3**

Rel-6 *current version:* 0.5.0 DRAFT *WG (prime / other):* C4 / T2 *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 27.241. NP-24/TP-24: txferred from T2 to N4.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

*history (event, available, version, comments, hyperlink):*

draft	2002-05-28	0	.	3	.	0		<a href="#">get it</a>
draft	2003-09-12	0	.	4	.	3		<a href="#">get it</a>
draft	2003-11-03	0	.	5	.	0	T2-030570	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 117

31 May 2005 21:13:26

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.247 Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C1 / *rapporteur:* MAYER, Georg NOKIA Corporation  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-ECP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft	2003-08-19	0	.	0	.	0		<a href="#">get it</a>
draft	2003-10-10	0	.	1	.	0		<a href="#">get it</a>
draft	2003-12-04	0	.	2	.	0		<a href="#">get it</a>
draft	2004-01-03	0	.	2	.	1		<a href="#">get it</a>
N1-32b	2004-02-02	0	.	3	.	0		<a href="#">get it</a>
post N1-32b	2004-02-04	0	.	3	.	1	Includes N1-040200.	<a href="#">get it</a>
N1-33	2004-02-23	0	.	4	.	0		<a href="#">get it</a>
post N1-33	2004-02-26	0	.	4	.	1		<a href="#">get it</a>
N1-33b	2004-04-05	0	.	5	.	0		<a href="#">get it</a>
N1-34		1	.	0	.	0		
post N1-34 editorials	2004-05-25	1	.	0	.	1	change record claims this version is 2.0.1	<a href="#">get it</a>
N1-34b	2004-06-22	1	.	1	.	0	history box claims v2.1.0 following v2.0.1.	<a href="#">get it</a>
NP-25	2004-09-03	1	.	2	.	0	NP-040328 ex N1-35	<a href="#">get it</a>
NP-26	2004-12-21	2	.	0	.	0	NP-040611	<a href="#">get it</a>
NP-26		6	.	0	.	0	erroneous version 6.0.0 generated from v1.3.0: NP-04500, withdrawn	
NP-26	2005-01-07	6	.	0	.	1	Generated from v.2.0.0 on approval.	<a href="#">get it</a>
NP-27	2005-04-05	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 118

31 May 2005 21:13:26

ACTIVE specs Rel-6 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TR 24.841 Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
N1-25		0	.	0	.	1		
N1-26	2002-09-17	0	.	1	.	0		<a href="#">get it</a>
N1-26	2002-10-03	0	.	2	.	0		<a href="#">get it</a>
N1-26bis	2002-11-14	0	.	3	.	0		<a href="#">get it</a>
N1-27	2003-01-17	0	.	4	.	0	N1-030010	<a href="#">get it</a>
N1-28	2003-03-04	0	.	5	.	0		<a href="#">get it</a>
N1-29	2003-05-06	0	.	6	.	0		<a href="#">get it</a>
NP-20	2003-06-02	1	.	0	.	0	NP-030303	<a href="#">get it</a>
draft	2003-09-26	1	.	1	.	0		<a href="#">get it</a>
draft	2003-09-29	1	.	1	.	1		<a href="#">get it</a>
post N1-31	2003-10-08	1	.	1	.	2		<a href="#">get it</a>
N1-32		1	.	2	.	0		
N1-32b	2004-02-02	1	.	3	.	0		<a href="#">get it</a>
N1-33	2004-02-26	1	.	4	.	0		<a href="#">get it</a>
post N1-33	2004-03-03	1	.	4	.	1		<a href="#">get it</a>
post N1-33	2004-03-22	1	.	4	.	2		<a href="#">get it</a>
N1-33b	2004-04-13	1	.	5	.	0		<a href="#">get it</a>
N1-33b	2004-04-27	1	.	5	.	1	N1-040762	<a href="#">get it</a>
N1-34	2004-05-25	1	.	6	.	0		<a href="#">get it</a>
NP-24	2004-06-25	2	.	0	.	0	NP-040199: change history still shows v1.6.0	<a href="#">get it</a>
NP-24	2004-06-14	6	.	0	.	0		<a href="#">get it</a>

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Rel-6

25 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 119

31 May 2005 21:13:26

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-6 *current version:* 6.7.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* RP-16 agreed not to implement the CR creating this Release.

*history (event, available, version, comments, hyperlink):*

RP-19	2003-04-04	6	.	0	.	0	RP-16 agreed not to implement the CR creating this Release.	<a href="#">get it</a>
RP-20	2003-06-27	6	.	1	.	0		<a href="#">get it</a>
RP-21	2003-09-29	6	.	2	.	0		<a href="#">get it</a>
RP-22	2004-01-23	6	.	3	.	0		<a href="#">get it</a>
RP-23	2004-04-01	6	.	4	.	0		<a href="#">get it</a>
RP-25	2004-09-30	6	.	5	.	0		<a href="#">get it</a>
RP-26	2005-01-07	6	.	6	.	0		<a href="#">get it</a>
RP-27	2005-04-01	6	.	7	.	0		<a href="#">get it</a>

---

## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-20	6	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 120

31 May 2005 21:13:26

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-6 *current version:* 6.8.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-18	2003-01-10	6 . 0 . 0	Early ETSI publication because referenced in SCP publications.	<a href="#">get it</a>
RP-19	2003-04-04	6 . 1 . 0		<a href="#">get it</a>
RP-20	2003-06-27	6 . 2 . 0		<a href="#">get it</a>
RP-21	2003-09-29	6 . 3 . 0		<a href="#">get it</a>
RP-22	2004-01-23	6 . 4 . 0		<a href="#">get it</a>
RP-23	2004-04-01	6 . 5 . 0		<a href="#">get it</a>
RP-24	2004-06-24	6 . 6 . 0		<a href="#">get it</a>
RP-25	2004-09-30	6 . 7 . 0		<a href="#">get it</a>
RP-26	2005-01-06	6 . 8 . 0		<a href="#">get it</a>

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## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-20	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-24	6 . 1 . 0		<a href="#">get it</a>
RP-26	2005-01-06	6 . 2 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 121

31 May 2005 21:13:26

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.106 UTRA repeater radio transmission and reception**  
Rel-6 *current version:* 6.2.0 *freeze\_meeting:* RP-26  
*WG (prime / other):* R4 / - *rporteur:* NILSSON, Martin Indicate persons who left Company and wait for new  
One  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* *remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-20	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-24	6	.	1	.	0		<a href="#">get it</a>
RP-25	2004-09-30	6	.	2	.	0		<a href="#">get it</a>

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**TS 25.113 Base station and repeater electromagnetic compatibility (EMC)**  
Rel-6 *current version:* 6.1.0 *freeze\_meeting:* RP-26  
*WG (prime / other):* R4 / - *rporteur:* BARNES, David DTI - Department of Trade and Industry  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* *remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-23	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-26	2005-01-06	6	.	1	.	0		<a href="#">get it</a>

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**TS 25.123 Requirements for support of radio resource management (TDD)**  
Rel-6 *current version:* 6.3.0 *freeze\_meeting:* RP-26  
*WG (prime / other):* R4 / - *rporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-23	6	.	0	.	0		<a href="#">get it</a>
RP-23	2004-04-01	6	.	1	.	0		<a href="#">get it</a>
RP-24	2004-06-24	6	.	2	.	0		<a href="#">get it</a>
RP-25	2004-09-30	6	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 122

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.133 Requirements for support of radio resource management (FDD)

Rel-6 *current version:* 6.9.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* RP-26 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-18	2003-01-10	6	.	0	.	0	<a href="#">get it</a>
RP-19	2003-04-04	6	.	1	.	0	<a href="#">get it</a>
RP-20	2003-07-01	6	.	2	.	0	<a href="#">get it</a>
RP-21	2003-10-10	6	.	3	.	0	<a href="#">get it</a>
RP-22	2004-01-23	6	.	4	.	0	<a href="#">get it</a>
RP-23	2004-04-01	6	.	5	.	0	<a href="#">get it</a>
RP-24	2004-06-24	6	.	6	.	0	<a href="#">get it</a>
RP-25	2004-09-30	6	.	7	.	0	<a href="#">get it</a>
RP-26	2005-01-07	6	.	8	.	0	<a href="#">get it</a>
RP-27	2005-04-01	6	.	9	.	0	<a href="#">get it</a>

---

## TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-6 *current version:* 6.9.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited  
*freeze\_meeting:* RP-26 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-18	2003-01-10	6	.	0	.	0	Early ETSI publication because referenced in SCP publications.	<a href="#">get it</a>
RP-19	2003-04-04	6	.	1	.	0	<a href="#">get it</a>	
RP-20	2003-06-27	6	.	2	.	0	<a href="#">get it</a>	
RP-21	2003-09-29	6	.	3	.	0	<a href="#">get it</a>	
RP-22	2004-01-23	6	.	4	.	0	<a href="#">get it</a>	
RP-23	2004-04-01	6	.	5	.	0	<a href="#">get it</a>	
RP-24	2004-06-24	6	.	6	.	0	<a href="#">get it</a>	
RP-25	2004-09-30	6	.	7	.	0	<a href="#">get it</a>	
RP-26	2005-01-06	6	.	8	.	0	<a href="#">get it</a>	
RP-27	2005-04-01	6	.	9	.	0	<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 123

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-20	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-24	6	.	1	.	0		<a href="#">get it</a>
RP-26	2005-01-06	6	.	2	.	0		<a href="#">get it</a>

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## TS 25.143 UTRA repeater conformance testing

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - An Andrew Company  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* Created by renumbering 25.107

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-20	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-24	6	.	1	.	0		<a href="#">get it</a>
RP-25	2004-09-30	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 124

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.171 Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R4 / *rporteur:* SHEN, Donglin ZTE Corporation  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* WI UID = 24012 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R4-31	2004-05-18	0 . 0 . 0	based on R4-040387	<a href="#">get it</a>
draft		0 . 1 . 0		
draft		0 . 2 . 0		
R4-32	2004-09-30	0 . 3 . 0		<a href="#">get it</a>
RP-25	2004-09-20	1 . 0 . 0	RP-040341	<a href="#">get it</a>
RP-25	2004-09-30	6 . 0 . 0		<a href="#">get it</a>
RP-26	2005-01-06	6 . 1 . 0		<a href="#">get it</a>

---

**TS 25.201 Physical layer - general description**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R1 / - *rporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - general:* *remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-26	2005-01-05	6 . 1 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 125

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-6 *current version:* 6.4.0 *WG (prime / other):* R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-14	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-18	6	.	1	.	0		<a href="#">get it</a>
RP-25	2004-09-28	6	.	2	.	0		<a href="#">get it</a>
RP-26	2005-01-05	6	.	3	.	0		<a href="#">get it</a>
RP-27	2005-03-29	6	.	4	.	0		<a href="#">get it</a>

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## TS 25.212 Multiplexing and channel coding (FDD)

Rel-6 *current version:* 6.4.0 *WG (prime / other):* R1 / - *rapporteur:* MICHEL, Jürgen SIEMENS AG  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-14	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-04-02	6	.	1	.	0		<a href="#">get it</a>
RP-24	2004-06-18	6	.	2	.	0		<a href="#">get it</a>
RP-26	2005-01-05	6	.	3	.	0		<a href="#">get it</a>
RP-27	2005-03-29	6	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 126

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.213 Spreading and modulation (FDD)

Rel-6 *current version:* 6.2.0

*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

RP-26 2005-01-05 6 . 1 . 0 [get it](#)

RP-27 2005-03-29 6 . 2 . 0 [get it](#)

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## TS 25.214 Physical layer procedures (FDD)

Rel-6 *current version:* 6.5.0

*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

RP-23 2004-04-02 6 . 1 . 0 [get it](#)

RP-24 2004-06-18 6 . 2 . 0 [get it](#)

RP-25 2004-09-28 6 . 3 . 0 [get it](#)

RP-26 2005-01-05 6 . 4 . 0 [get it](#)

RP-27 2005-03-29 6 . 5 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 127

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.215 Physical layer; Measurements (FDD)

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* SUZUKI, Hidetoshi  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

Panasonic Mobile Communications Co.,Ltd.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Minor problems implementing CRs. See [get it](#)  
readme file.  
RP-26 2005-01-05 6 . 1 . 0 [get it](#)  
RP-27 2005-03-29 6 . 2 . 0 [get it](#)

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## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-6 *current version:* 6.3.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* CHAPMAN, Thomas  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

SIEMENS AG

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-24 2004-06-18 6 . 1 . 0 [get it](#)  
RP-26 2005-01-05 6 . 2 . 0 [get it](#)  
RP-27 2005-04-01 6 . 3 . 0 [get it](#)

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## TS 25.222 Multiplexing and channel coding (TDD)

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

IPWireless Inc.

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-25 2004-09-28 6 . 1 . 0 [get it](#)  
RP-26 2005-01-05 6 . 2 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 128

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.223 Spreading and modulation (TDD)

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:*  
G: U: yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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## TS 25.224 Physical layer procedures (TDD)

Rel-6 *current version:* 6.4.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* RUDOLF, Marian  
G: U: yes *MCC:* ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-24 2004-06-18 6 . 1 . 0 [get it](#)  
RP-25 2004-09-28 6 . 2 . 0 [get it](#)  
RP-26 2005-01-05 6 . 3 . 0 [get it](#)  
RP-27 2005-03-29 6 . 4 . 0 [get it](#)

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## TS 25.225 Physical layer; Measurements (TDD)

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* CZAPLA, Liliana  
G: U: yes *MCC:* ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-14 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-23 2004-04-02 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 129

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.301 Radio interface protocol architecture

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R2 / - *rapporteur:* EKEMARK, Sven Telefon AB LM Ericsson  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-26	2004-12-23	6	.	1	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	2	.	0		<a href="#">get it</a>

---

## TS 25.302 Services provided by the physical layer

Rel-6 *current version:* 6.3.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-03-24	6	.	1	.	0		<a href="#">get it</a>
RP-26	2004-12-23	6	.	2	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	3	.	0		<a href="#">get it</a>

---

## TS 25.303 Interlayer procedures in Connected Mode

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-25	2004-09-23	6	.	1	.	0		<a href="#">get it</a>
RP-26	2004-12-23	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 130

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode**

Rel-6 *current version:* 6.5.0 *WG (prime / other):* R2 / - *rapporteur:* BARRETO, Luis NOKIA UK Ltd  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-03-24	6 . 1 . 0		<a href="#">get it</a>
RP-24	2004-06-17	6 . 2 . 0		<a href="#">get it</a>
RP-25	2004-09-23	6 . 3 . 0		<a href="#">get it</a>
RP-26	2004-12-23	6 . 4 . 0		<a href="#">get it</a>
RP-27	2005-03-29	6 . 5 . 0		<a href="#">get it</a>

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**TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* Created from 25.923

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-17	6 . 1 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 131

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.306 UE Radio Access capabilities definition

Rel-6 *current version:* 6.4.1 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* Converted from TR 25.926 at TSG#10. *remarks - this release:* created for M.1457 update

### *history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-03-24	6	.	1	.	0		<a href="#">get it</a>
RP-24	2004-06-17	6	.	2	.	0		<a href="#">get it</a>
RP-26	2005-01-04	6	.	3	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	4	.	0		<a href="#">get it</a>
post RP-27 edito	2005-04-07	6	.	4	.	1	Updates change history box	<a href="#">get it</a>

---

## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0		<a href="#">get it</a>
RP-23	2004-03-24	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 132

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* TS created from entrails of TR 25.855.

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-03-24	6	.	1	.	0		<a href="#">get it</a>
RP-25	2004-09-27	6	.	2	.	0		<a href="#">get it</a>
RP-26	2004-12-23	6	.	3	.	0		<a href="#">get it</a>

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**TS 25.309 FDD enhanced uplink; Overall description; Stage 2**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R2 / - *rapporteur:* GODARD, Tania NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* WI = "FDD Enhanced Uplink"

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
draft		0	.	1	.	0		
draft	2004-07-01	0	.	2	.	0	R2-041409	<a href="#">get it</a>
draft	2004-08-31	0	.	3	.	0	R2-041910, based on agreements of RAN1#38 and RAN2#43. New (unused) version as R2-041915.	<a href="#">get it</a>
RP-25	2004-09-03	1	.	0	.	0	RP-040358	<a href="#">get it</a>
RP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
RP-26	2004-12-23	6	.	1	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 133

31 May 2005 21:13:27

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.321 Medium Access Control (MAC) protocol specification

Rel-6 *current version:* 6.4.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-03-24	6	.	1	.	0		<a href="#">get it</a>
RP-24	2004-06-17	6	.	2	.	0		<a href="#">get it</a>
RP-26	2005-01-05	6	.	3	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	4	.	0		<a href="#">get it</a>

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## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-6 *current version:* 6.3.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier Philips Research Laboratories  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-17	6	.	1	.	0		<a href="#">get it</a>
RP-26	2004-12-23	6	.	2	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	3	.	0		<a href="#">get it</a>

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## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:* HANS, Martin INFINEON TECHNOLOGIES  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 134

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-17	6	.	1	.	0		<a href="#">get it</a>
RP-26	2005-01-04	6	.	2	.	0		<a href="#">get it</a>

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## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-6 *current version:* 6.5.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* RP-21: Created by CR at RP-21, but will not be created until more substantive CRs are required. (Saves on maintenance work.)

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-12	6	.	0	.	0		<a href="#">get it</a>
RP-21		6	.	0	.	0	RP-21: Will not be produced till more substantive CRs are approved or until Release is frozen.	
edito post RP-22	2004-01-20	6	.	0	.	1	Some figures are not visible in these 2 documents. See figure 8.3.1-5 and 8.3.1-6, figures 8.3.1-8 to 8.3.1-10. There is an error message => Error! Objects cannot be created from editing field codes.	<a href="#">get it</a>
RP-23	2004-03-29	6	.	1	.	0		<a href="#">get it</a>
RP-24	2004-07-02	6	.	2	.	0		<a href="#">get it</a>
RP-25	2004-09-28	6	.	3	.	0		<a href="#">get it</a>
RP-26	2004-12-23	6	.	4	.	0		<a href="#">get it</a>
RP-27	2005-03-29	6	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 135

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.346 Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2

Rel-6 *current version:* 6.4.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:*  
*G:* *U:* yes *MCC:*

PIRSKANEN, Juho NOKIA Corporation  
ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

R2-31		0	.	0	.	1		R2-021846	
R2-32		0	.	1	.	0		R2-020590	
R2 / R3 MBMS ad hoc	2002-10-14	1	.	1	.	0		R2-030006	<a href="#">get it</a>
draft	2003-01-23	1	.	2	.	0			<a href="#">get it</a>
draft	2003-02-03	1	.	3	.	0			<a href="#">get it</a>
R2-34		1	.	4	.	0		R2-030122	
R2-35		1	.	5	.	0		R2-030707	
R2 / R3 MBMS ad hoc	2003-05-21	1	.	6	.	0		R2-030882	<a href="#">get it</a>
RP-20	2003-06-02	2	.	0	.	0		RP-030309 - not approved	<a href="#">get it</a>
draft		2	.	0	.	1		mods based on v2.0.0 so this version not uploaded (invalid) because v2.1.0 already available	
R2-37	2003-08-19	2	.	1	.	0		cleaned up draft from MCC	<a href="#">get it</a>
R2-38	2003-11-03	2	.	3	.	0			<a href="#">get it</a>
R2-39	2003-12-05	2	.	4	.	0		RP-030653; various early draft versions of v2.4.0 were circulated on R2 exploder	<a href="#">get it</a>
R2-40	2004-01-30	2	.	5	.	0		Several drafts bearing this version number were distributed. Only the first was kept.	<a href="#">get it</a>
RP-23	2004-03-03	2	.	6	.	0		(ex R3-41 - yes, really) RP-040079	<a href="#">get it</a>
RP-23	2004-03-26	6	.	0	.	0			<a href="#">get it</a>
RP-24	2004-06-17	6	.	1	.	0			<a href="#">get it</a>
RP-25	2004-09-23	6	.	2	.	0			<a href="#">get it</a>
RP-26	2004-12-23	6	.	3	.	0			<a href="#">get it</a>
RP-27	2005-03-29	6	.	4	.	0			<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 136

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.401 UTRAN overall description**  
Rel-6 *current version:* 6.5.0 *WG (prime / other):* R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-26 G: U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* Approval at TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-19	2003-03-26	6	.	0	.	0	<a href="#">get it</a>
RP-20	2003-06-17	6	.	1	.	0	<a href="#">get it</a>
RP-22	2004-01-13	6	.	2	.	0	<a href="#">get it</a>
RP-24	2004-06-23	6	.	3	.	0	<a href="#">get it</a>
RP-25	2004-09-24	6	.	4	.	0	<a href="#">get it</a>
RP-26	2005-01-06	6	.	5	.	0	<a href="#">get it</a>

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**TS 25.402 Synchronization in UTRAN Stage 2**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*freeze\_meeting:* RP-26 G: U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* New *remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457 <a href="#">get it</a>
RP-26	2005-01-06	6	.	1	.	0	<a href="#">get it</a>
RP-27	2005-03-24	6	.	2	.	0	<a href="#">get it</a>

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**TS 25.409 Enhanced uplink UTRA FDD; Stage 3**  
Rel-6 *current version:* none *WG (prime / other):* R3 / *rapporteur:* STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-26 G: U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* 2004-08-04: Spec number reserved for eventual spec resulting from 25.909 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 137

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26  
*remarks - general:* Approval at TSG#5

*WG (prime / other):* R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-18	6 . 1 . 0		<a href="#">get it</a>
RP-26	2005-01-06	6 . 2 . 0		<a href="#">get it</a>

---

## TS 25.411 UTRAN Iu interface layer 1

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-25	2004-09-24	6 . 1 . 0		<a href="#">get it</a>

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## TS 25.412 UTRAN Iu interface signalling transport

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-26	2005-01-06	6 . 1 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 138

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-6 *current version:* 6.5.0 *WG (prime / other):* R3 / - *rporteur:* HUBER, Alois SIEMENS AG  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-04-01	6	.	1	.	0		<a href="#">get it</a>
RP-24	2004-06-21	6	.	2	.	0		<a href="#">get it</a>
RP-25	2004-09-24	6	.	3	.	0		<a href="#">get it</a>
RP-26	2005-01-07	6	.	4	.	0		<a href="#">get it</a>
RP-26	2005-01-21	6	.	4	.	1	space removed in ASN.1 from "MBMSSessionStartResponse"	<a href="#">get it</a>
RP-27	2005-04-01	6	.	5	.	0		<a href="#">get it</a>

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## TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R3 / - *rporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-18	6	.	1	.	0		<a href="#">get it</a>
RP-25	2004-09-24	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 139

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.415 UTRAN Iu interface user plane protocols

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* *remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-25	2004-09-24	6	.	1	.	0		<a href="#">get it</a>
RP-27	2005-03-22	6	.	2	.	0		<a href="#">get it</a>

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## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* *remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-04-01	6	.	1	.	0		<a href="#">get it</a>
RP-26	2005-01-06	6	.	2	.	0		<a href="#">get it</a>

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## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-6 *current version:* 6.3.0 *WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* *remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-18	6	.	1	.	0		<a href="#">get it</a>
RP-26	2005-01-06	6	.	2	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 140

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.421 UTRAN Iur interface Layer 1**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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**TS 25.422 UTRAN Iur interface signalling transport**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 141

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-6 *current version:* 6.5.0 *WG (prime / other):* R3 / - *rapporteur:* ERICSSON, Ingela Telefon AB LM Ericsson  
*freeze\_meeting:* RP-26 G: U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-22	6 . 0 . 0		<a href="#">get it</a>
RP-23	2004-04-01	6 . 1 . 0		<a href="#">get it</a>
RP-24	2004-06-23	6 . 2 . 0		<a href="#">get it</a>
RP-25	2004-09-28	6 . 3 . 0		<a href="#">get it</a>
RP-26	2005-01-06	6 . 4 . 0		<a href="#">get it</a>
RP-26	2005-01-21	6 . 4 . 1	space removed in ASN.1 from MBMSAttach- and DetachCommand	<a href="#">get it</a>
RP-27	2005-04-01	6 . 5 . 0		<a href="#">get it</a>

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## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*freeze\_meeting:* RP-26 G: U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-04-01	6 . 1 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 142

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-13 6 . 0 . 0 [get it](#)  
RP-23 2004-04-01 6 . 1 . 0 [get it](#)

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**TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-23 2004-04-01 6 . 1 . 0 [get it](#)  
RP-24 2004-06-18 6 . 2 . 0 [get it](#)  
RP-25 2004-09-24 6 . 3 . 0 [get it](#)

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**TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R3 / - *rapporteur:* HAKULI, Tuomas NOKIA Corporation  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)  
RP-26 2005-01-06 6 . 1 . 0 [get it](#)  
RP-27 2005-03-24 6 . 2 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 143

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.430 UTRAN Iub Interface: General Aspects and Principles**

Rel-6 *current version:* 6.4.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-24	2004-06-18	6	.	1	.	0		<a href="#">get it</a>
RP-25	2004-09-24	6	.	2	.	0		<a href="#">get it</a>
RP-26	2005-01-06	6	.	3	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	4	.	0		<a href="#">get it</a>

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**TS 25.431 UTRAN Iub interface Layer 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
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**TS 25.432 UTRAN Iub interface: signalling transport**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 144

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.433 UTRAN lub interface NBAP signalling

Rel-6 *current version:* 6.5.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* SEHEDIC, Yann Nortel Networks Germany GmbH & Co. KG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-22	6 . 0 . 0	<a href="#">get it</a>
RP-23	2004-04-01	6 . 1 . 0	<a href="#">get it</a>
RP-24	2004-06-23	6 . 2 . 0	<a href="#">get it</a>
RP-25	2004-09-28	6 . 3 . 0	<a href="#">get it</a>
RP-26	2005-01-06	6 . 4 . 0	<a href="#">get it</a>
RP-27	2005-04-01	6 . 5 . 0	<a href="#">get it</a>

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## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* created for M.1457 update

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	<a href="#">get it</a>
RP-23	2004-04-01	6 . 1 . 0		<a href="#">get it</a>

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## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6 . 0 . 0	<a href="#">get it</a>
RP-23	2004-04-01	6 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 145

31 May 2005 21:13:28

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.442 UTRAN implementation-specific O&M transport

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Alexander Indicate persons who left Company and wait for new One  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:* created for M.1457 update

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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## TS 25.450 UTRAN lupc interface general aspects and principles

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

RP-19 2003-03-26 6 . 0 . 0 [get it](#)

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## TS 25.451 UTRAN lupc interface layer 1

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:* created for M.1457 update

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

RP-22 2004-01-13 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 146

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.452 UTRAN Iu-CS interface: signalling transport

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-19 2003-03-26 6 . 0 . 0

[get it](#)

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## TS 25.453 UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling

Rel-6 *current version:* 6.8.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-19 2003-03-26 6 . 0 . 0  
RP-20 2003-06-17 6 . 1 . 0  
RP-21 2003-09-30 6 . 2 . 0  
RP-22 2004-01-13 6 . 3 . 0  
RP-23 2004-04-06 6 . 4 . 0  
RP-24 2004-06-18 6 . 5 . 0  
RP-25 2004-09-24 6 . 6 . 0  
RP-26 2005-01-06 6 . 7 . 0  
RP-27 2005-03-22 6 . 8 . 0

[get it](#)  
[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 147

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.460 UTRAN Iuant interface: General aspects and principles**

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26  
*remarks - general:* WI UID = 23010

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-07-22	0 . 0 . 2		<a href="#">get it</a>
draft		0 . 1 . 2		
R3-43	2004-08-30	0 . 1 . 3	R3-041245	<a href="#">get it</a>
RP-25	2004-09-20	1 . 0 . 0	RP-040304	<a href="#">get it</a>
RP-25	2004-09-24	6 . 0 . 0		<a href="#">get it</a>
RP-26	2005-01-06	6 . 1 . 0		<a href="#">get it</a>
RP-27	2005-03-22	6 . 2 . 0		<a href="#">get it</a>

---

**TS 25.461 UTRAN Iuant interface: Layer 1**

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26  
*remarks - general:* WI UID = 23010

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-08-04	0 . 0 . 2		<a href="#">get it</a>
RP-25	2004-08-30	1 . 0 . 0	RP-040344 (R3-041246 EX R3-43)	<a href="#">get it</a>
RP-25	2004-09-24	6 . 0 . 0		<a href="#">get it</a>
RP-26	2005-01-10	6 . 1 . 0		<a href="#">get it</a>
RP-27	2005-03-22	6 . 2 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 148

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.462 UTRAN Iu-MS interface: Signalling transport

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26  
*remarks - general:* WI UID = 23010

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH  
*G:* U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-07-22	0 . 0 . 2	<a href="#">get it</a>
draft		0 . 1 . 1	
R3-44	2004-08-30	0 . 1 . 2	<a href="#">get it</a>
RP-25	2004-09-20	1 . 0 . 0	<a href="#">get it</a>
RP-25	2004-09-24	6 . 0 . 0	<a href="#">get it</a>
RP-26	2005-01-06	6 . 1 . 0	<a href="#">get it</a>
RP-27	2005-03-22	6 . 2 . 0	<a href="#">get it</a>

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## TS 25.463 UTRAN Iu-MS interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26  
*remarks - general:* WI UID = 23010

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH  
*G:* U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-07-22	0 . 0 . 2	<a href="#">get it</a>
R3-43	2004-08-30	0 . 1 . 2	<a href="#">get it</a>
RP-25	2004-09-20	1 . 0 . 0	<a href="#">get it</a>
RP-25	2004-09-24	6 . 0 . 0	<a href="#">get it</a>
RP-26	2005-01-13	6 . 1 . 0	<a href="#">get it</a>
RP-27	2005-03-22	6 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 149

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.801**    **Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio**  
Rel-6    *current version:* **Resource Management (RRM)**    6.0.0    *WG (prime / other):*    R3    /    -    *rapporteur:*

*freeze\_meeting:*    RP-26

*G:*    *U:* yes

*MCC:*    CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-20 2003-06-17 1 . 0 . 0 RP-030342  
RP-21 2003-09-26 2 . 0 . 0 RP-030425  
RP-21 2003-09-30 6 . 0 . 0

[get it](#)  
[get it](#)  
[get it](#)

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**TR 25.803**    **S-CCPCH performance for MBMS**

Rel-6    *current version:* 1.4.1    DRAFT  
*freeze\_meeting:*    RP-26

*WG (prime / other):*    R1    /    *rapporteur:*    MALLADI, Durga    QUALCOMM EUROPE S.A.R.L.  
*G:*    *U:* yes    *MCC:*    ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*    2003-06-25: anticipate approval at RP-22.

*history (event, available, version, comments, hyperlink):*

R1-33    0 . 0 . 1  
R1-33 2003-09-11 0 . 0 . 2  
post R1-33 2003-09-13 0 . 1 . 0 R1-030950  
RP-21 2003-09-29 1 . 0 . 0 RP-030535  
R1-34    1 . 1 . 0  
R1-35 2003-11-24 1 . 1 . 1 R1-031412  
R1-35 2003-12-02 1 . 2 . 0 R1-031413  
R1-36 2004-02-23 1 . 2 . 1 R1-040387  
RP-23 2004-03-05 1 . 3 . 0  
R1-37 2004-08-30 1 . 3 . 1  
R1-38 2004-08-30 1 . 4 . 0  
R1-38 2004-08-30 1 . 4 . 1

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 150

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
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**TR 25.804 Feasibility study on uplink enhancements for UTRA TDD**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R1 / *rapporteur:* RUDOLF, Marian INTERDIGITAL COMMUNICATIONS CORPORATION  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - general:* 2003-09-04: anticipated approval at RP-23. WI = R1nImp-FSUpEnhTDD. *remarks - this release:* RP-25: estimate approval RP-26.

*history (event, available, version, comments, hyperlink):*

R1-33	2003-09-05	0 . 0 . 1	R1-030940	<a href="#">get it</a>
R1-36		0 . 1 . 0	R1-040383	
R1-37		0 . 1 . 1	R1-040410	
R1-37	2004-06-18	0 . 2 . 0	R1-040639	<a href="#">get it</a>
R1-38	2004-07-23	0 . 2 . 1	R1-040819	<a href="#">get it</a>
R1-38	2004-09-29	0 . 3 . 0	R1-041041	<a href="#">get it</a>
R1-38 / R3-34	2004-11-23	0 . 3 . 1	R1-041319	<a href="#">get it</a>
R1-38 / R3-34	2004-12-03	0 . 3 . 2	R1-041519	<a href="#">get it</a>
RP-26	2004-12-20	1 . 0 . 0	RP-040516 ex R1-041539	<a href="#">get it</a>
R1-40 / R2-46	2005-03-03	1 . 0 . 1	R1-050212	<a href="#">get it</a>
R1-40 / R2-46	2005-03-03	1 . 1 . 0	R1-050229	<a href="#">get it</a>
RP-27	2005-03-21	2 . 0 . 0	RP-050116	<a href="#">get it</a>
RP-27	2005-03-29	6 . 0 . 0		<a href="#">get it</a>

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**TR 25.805 DS-CDMA introduction in the 800 MHz band**

Rel-6 *current version:* 0.3.0 *DRAFT* *WG (prime / other):* R4 / *rapporteur:* NAKAMURA, Takehiro NTT DoCoMo Inc.  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* WI = R1nImp-UMTS800 (UID 24009) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0 . 1 . 0		
R4-28		0 . 2 . 0		
R4-29	2003-12-05	0 . 3 . 0	claims to be a "draft"	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 151

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.806 UMTS 1700/2100MHz Work Item**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R4 / *rapporteur:* NUMMINEN, Jussi NOKIA Corporation  
*freeze\_meeting:* RP-26 G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* WI = RInImp-UMTS850 (UID 24007) & RInImp-UMTS1721 (UID 24010). 2004-01-19: title changed from "UMTS 1700/2100MHz and UMTS 850MHz Work Items". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R4-28		0	.	0	.	0		R4-030830	
R4-29	2004-01-19	0	.	1	.	0		R4-031120	<a href="#">get it</a>
R4-30		1	.	0	.	0		R4-040147	
RP-23	2004-03-05	1	.	0	.	1		RP-040051	<a href="#">get it</a>
RP-23	2004-04-01	6	.	0	.	0			<a href="#">get it</a>

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**TR 25.807 Low output powers for general purpose Frequency Division Duplex (FDD) Base Station (BS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R3 / - *rapporteur:* BURGOS MARTÍNEZ, Ana TELEFONICA S.A.  
*freeze\_meeting:* RP-26 G: U: yes MCC: CALDENHOVEN, Juergen

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-23	2004-03-22	1	.	0	.	0		RP-040076 for approval	<a href="#">get it</a>
RP-23	2004-04-01	6	.	0	.	0			<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 152

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
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**TR 25.808 FDD enhanced uplink; Physical layer aspects**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* RANTA-AHO, Karri NOKIA Corporation  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-05-04	0	.	0	.	0	R1-040516	<a href="#">get it</a>
R1-37	2004-05-25	0	.	0	.	1	R1-040658	<a href="#">get it</a>
draft	2004-07-01	0	.	0	.	2	R1-040804	<a href="#">get it</a>
R1-38	2004-07-22	0	.	0	.	3	R1-040805, later R1-040971	<a href="#">get it</a>
R1-38		0	.	1	.	0		
draft	2004-09-20	0	.	1	.	1		<a href="#">get it</a>
R1-38b		0	.	2	.	0		
post R1-38b	2004-10-08	0	.	2	.	1		<a href="#">get it</a>
draft	2004-10-18	0	.	2	.	2		<a href="#">get it</a>
draft	2004-10-26	0	.	2	.	3	R1-041271 & R1-041408	<a href="#">get it</a>
R1-39 / R2-45 joint		0	.	3	.	0		
post R1-39	2004-12-20	0	.	3	.	1	R1-041525	<a href="#">get it</a>
draft	2004-12-20	0	.	4	.	0	R1-041526	<a href="#">get it</a>
RP-26	2004-12-20	1	.	0	.	0	RP-040530	<a href="#">get it</a>
draft	2005-02-01	1	.	0	.	1	R1-050057	<a href="#">get it</a>
draft	2005-03-21	1	.	1	.	1		<a href="#">get it</a>
RP-27	2005-03-21	2	.	0	.	0	RP-050142	<a href="#">get it</a>
RP-27	2005-03-29	6	.	0	.	0		<a href="#">get it</a>

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**TR 25.852 lu enhancements for IP Multimedia (IMS) support in UTRAN**

Rel-6 *current version:* 0.0.0 DRAFT  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* 2003-09-08: Title changed from "Radio access bearer support enhancements for the lu".

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	0	.	0	.	0	Inherited from Rel-4.	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 153

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.862 RAB support for IMS**  
Rel-6 *current version:* 2.0.0 DRAFT  
*freeze\_meeting:* RP-26  
*WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft			0 . 0 . 0			
Updates based on			0 . 1 . 0			
R2-032319 and a						
Siemens text						
proposal.						
R2-40			0 . 2 . 0			
RP-23	2004-03-22	1 . 0 . 0		ex R2-41 -> RP-040122	<a href="#">get it</a>	
R2-42	2004-08-04	1 . 1 . 0		R2-041643	<a href="#">get it</a>	
R2-43	2004-08-30	1 . 2 . 0		R2-041914	<a href="#">get it</a>	
draft			1 . 3 . 0			
draft			1 . 4 . 0			
R2-47	2005-05-20	1 . 5 . 0			<a href="#">get it</a>	
RP-28	2005-05-27	2 . 0 . 0		RP-050344	<a href="#">get it</a>	

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**TR 25.887 Beamforming enhancements**  
Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26  
*WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co, Ltd  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R1-26			1 . 1 . 0			
R1-28			1 . 2 . 0			
R1-28			1 . 3 . 0			
draft			1 . 3 . 1	resulting from discussions at RP-22		
draft	2004-02-13	1 . 7 . 0		R1-040188	<a href="#">get it</a>	
R1-36			1 . 7 . 1			
RP-23	2004-03-04	2 . 0 . 0		R1-36 -> RP-040083	<a href="#">get it</a>	
RP-23	2004-04-02	6 . 0 . 0			<a href="#">get it</a>	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 154

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
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**TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R1 / - *rapporteur:* LI, Xiaoqiang Indicate persons who left Company and wait for new  
*freeze\_meeting:* RP-26 *G:* U: yes *MCC:* ISHII, Yoshikazu One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-18	2003-01-06	1	.	1	.	0	RP-020815	<a href="#">get it</a>
RP-21	2003-09-26	2	.	0	.	0	RP-030500	<a href="#">get it</a>
RP-21	2003-10-13	6	.	0	.	0		<a href="#">get it</a>

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**TR 25.889 Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R4 / - *rapporteur:* STAHLFJALL, Peter Telefon AB LM Ericsson  
*freeze\_meeting:* RP-26 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-16	2002-06-26	1	.	0	.	0	RP-020354	<a href="#">get it</a>
RP-17	2002-09-24	1	.	1	.	0	RP-020657	<a href="#">get it</a>
RP-18	2003-01-06	1	.	2	.	1	RP-020690	<a href="#">get it</a>
R4-26		1	.	3	.	0		
R4-27		1	.	4	.	0		
RP-20	2003-06-17	2	.	0	.	0	RP-030343	<a href="#">get it</a>
RP-20	2003-07-01	6	.	0	.	0	RP-21: Agreed (RP-030511) to send this document to ITU-R WP8F, so it needs to be an externally published TR rather than 3GPP-internal. On closer inspection, it is full of illegal references to non-publicly-available documetns. So do not publish.	<a href="#">get it</a>

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# 3GPP specification status

Page 155

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
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**TR 25.891 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5**

Rel-6      *current version:* 0.3.0      DRAFT      *WG (prime / other):* R3 /      *rapporteur:*  
*freeze\_meeting:* RP-26      G:      U: yes      MCC: CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R3-31		0	.	0	.	1	
R3-31		0	.	1	.	0	
draft	2002-10-11	0	.	1	.	1	<a href="#">get it</a>
draft	2003-01-24	0	.	2	.	1	<a href="#">get it</a>
draft	2003-06-18	0	.	3	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 156

31 May 2005 21:13:29

ACTIVE specs Rel-6 25 .- series  
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**TR 25.892 Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R1-27		0 . 0 . 1	
R1-29		0 . 0 . 2	
R1-33		0 . 0 . 3	
R1-31		0 . 1 . 0	
R1-31		0 . 1 . 1	
R1-31		0 . 1 . 2	
R1-31	2003-03-31	0 . 2 . 0	<a href="#">get it</a>
R1-31		0 . 2 . 1	
R1-33		0 . 3 . 0	
R1-33	2003-09-05	0 . 3 . 1	<a href="#">get it</a>
R1-34		0 . 4 . 0	
R1-34	2003-10-21	0 . 4 . 1	R1-031150 (includes R1-031127) <a href="#">get it</a>
R1-35		0 . 5 . 0	
R1-35		0 . 5 . 1	
R1-35	2003-12-03	0 . 5 . 2	R1-031436 <a href="#">get it</a>
draft		0 . 6 . 0	
draft		0 . 6 . 1	
R1-36		1 . 0 . 0	
R1-36		1 . 0 . 1	
RP-23	2004-03-05	1 . 1 . 0	R1-040394, RP-040119 <a href="#">get it</a>
R1-37	2004-05-26	1 . 2 . 0	R1-040655 <a href="#">get it</a>
RP-24	2004-06-14	2 . 0 . 0	RP-040221 ex R1-37 <a href="#">get it</a>
RP-24	2004-06-28	6 . 0 . 0	<a href="#">get it</a>

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# 3GPP specification status

Page 157

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.894 Enhanced UE positioning using software blanking

Rel-6 *current version:* none  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:* BARTLETT, David

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TR 25.895 Analysis of higher chip rates for UTRA TDD evolution

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin

IPWireless Inc.

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* 2002-10-07: anticipate approval at RP-20. RP-23: anticipate approval RP-25.

*history (event, available, version, comments, hyperlink):*

RP-19	2003-03-24	1	.	0	.	0	RP-030095	<a href="#">get it</a>
R1-31	2003-09-09	1	.	2	.	0	R1-030926	<a href="#">get it</a>
R1-34	2003-10-15	1	.	2	.	2	R1-031143	<a href="#">get it</a>
R1-35		1	.	3	.	0		
R4-29	2003-12-03	1	.	3	.	1	R4-031018	<a href="#">get it</a>
R4-30	2004-02-27	1	.	3	.	2	R1-040389	<a href="#">get it</a>
R1-37	2004-05-28	1	.	3	.	3	R1-040656	<a href="#">get it</a>
R1-38		1	.	3	.	4		
R1-38		1	.	4	.	0		
R1-38	2004-08-30	1	.	4	.	1	R1-041027	<a href="#">get it</a>
RP-25	2004-09-20	2	.	0	.	0	RP-040361	<a href="#">get it</a>
RP-25	2004-09-28	6	.	0	.	0		<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 158

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
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## TR 25.896 Feasibility study for enhanced uplink for UTRA FDD

Rel-6 current version: 6.0.0  
freeze\_meeting: RP-26

WG (prime / other): R1 / - rapporteur: RANTA-AHO, Karri NOKIA Corporation  
G: U: yes MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

R1-28b		0	.	0	.	1		R1-021218	
R1-29		0	.	0	.	2		R1-021259	
R1-30		0	.	0	.	3			
R1-30		0	.	0	.	4			
R1-30		0	.	1	.	0			
R1-30		0	.	1	.	1			
R1-31		0	.	2	.	0		R1-030311	
R1-31		0	.	2	.	1			
R1-31		0	.	2	.	2			
post R1-31		0	.	3	.	0			
RP-32		0	.	3	.	1			
post RP-32		0	.	3	.	2			
post RP-32		0	.	3	.	3			
R1-33		0	.	4	.	0			
post R1-33	2003-09-04	0	.	4	.	1		R1-030951	<a href="#">get it</a>
post R1-33	2003-09-13	0	.	4	.	2		R1-030952	<a href="#">get it</a>
RP-21	2003-09-26	1	.	0	.	0		RP-030512	<a href="#">get it</a>
draft	2003-10-13	1	.	0	.	1		R1-031148	<a href="#">get it</a>
R1-35	2003-11-03	1	.	0	.	2		R1-031164	<a href="#">get it</a>
post R1-35		1	.	1	.	0			
post R1-35	2003-12-03	1	.	1	.	1		R1-031422	<a href="#">get it</a>
post R1-35	2003-12-05	1	.	1	.	2		R1-031423	<a href="#">get it</a>
draft		1	.	2	.	0		R1-040105	
draft	2004-02-05	1	.	2	.	1		R1-040109	<a href="#">get it</a>
R1-36		1	.	3	.	0			
R1-36	2004-02-26	1	.	3	.	1		R1-040388	<a href="#">get it</a>
posat R1-36	2004-03-01	1	.	3	.	2		R1-040391	<a href="#">get it</a>
RP-23	2004-03-04	2	.	0	.	0		R1-040392 -> RP-040046	<a href="#">get it</a>
RP-23	2004-04-03	6	.	0	.	0			<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 159

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.898 Power control enhancements for UTRA**  
Rel-6 *current version:* 0.1.0 DRAFT  
*freeze\_meeting:* RP-26  
*remarks - general:*

*WG (prime / other):* R1 / - *rapporteur:* MITRA, Diptendu Telecom Modus Limited  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R1-33 2003-09-10 0 . 1 . 0 [get it](#)

---

**TR 25.899 High Speed Downlink Packet Access (HSDPA) enhancements**  
Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26  
*remarks - general:*

*WG (prime / other):* R1 / *rapporteur:* FUKUI, Noriyuki Mitsubishi Electric Co.  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - this release:* RP-23: v1.0.0 xpected RP-24. RP-24: approved, but some reservations over conclusions.

*history (event, available, version, comments, hyperlink):*

draft 0 . 0 . 1 R1-021443  
R1-31 0 . 0 . 2 R1-030373  
R1-31 0 . 0 . 3 R1-030380  
R1-31 0 . 1 . 0 R1-030382  
R1-32 0 . 2 . 0 R1-030634  
R1-34 2003-10-14 0 . 2 . 1 R1-031149 [get it](#)  
R1-34 2003-11-07 0 . 2 . 2 R1-031174 [get it](#)  
draft 0 . 3 . 1 R1-031418  
draft 2004-01-07 0 . 3 . 2 R1-031425 [get it](#)  
R1-35 2004-02-05 0 . 3 . 3 R1-040201 [get it](#)  
R1-36 2004-02-23 0 . 4 . 0 R1-040384 [get it](#)  
R1-37 2004-05-24 0 . 4 . 1 R1-040649 [get it](#)  
draft 2004-05-27 0 . 5 . 0 Existence deduced from report of RP-23 [get it](#)  
§8.12 (R1-040657); appears as R1-040657  
  
RP-24 2004-05-28 1 . 0 . 0 RP-040222 [get it](#)  
RP-24 2004-06-28 6 . 0 . 0 [get it](#)  
RP-25 2004-09-28 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 160

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.901 Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R3 / - *rapporteur:* HALL, Edward VODAFONE LTD  
*freeze\_meeting:* RP-26 *G:* yes *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* WI UID 23011. See also 44.901. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2003-07-04	0	.	1	.	1		<a href="#">get it</a>
RP-24	2004-06-14	1	.	0	.	0	RP-040186	<a href="#">get it</a>
RP-24	2004-06-18	6	.	0	.	0		<a href="#">get it</a>
RP-25	2004-09-24	6	.	1	.	0		<a href="#">get it</a>

---

**TR 25.902 lub/lur congestion control**

Rel-6 *current version:* none *WG (prime / other):* R3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
*freeze\_meeting:* *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

---

**TR 25.921 Guidelines and principles for protocol description and error handling**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R2 / - *rapporteur:* BARRETO, Luis NOKIA UK Ltd  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-26	2004-12-21	6	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 161

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.922 Radio resource management strategies

Rel-6 *current version:* 6.0.1  
*freeze\_meeting:* RP-26

*WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier Philips Research Laboratories  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-23 2004-03-24 6 . 0 . 0 [get it](#)  
RP-23 2004-04-14 6 . 0 . 1 Corrects typo on front cover. [get it](#)

---

## TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-25 2005-01-06 6 . 0 . 0 [get it](#)  
RP-27 2005-03-24 6 . 1 . 0 [get it](#)

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## TR 25.942 Radio Frequency (RF) system scenarios

Rel-6 *current version:* 6.4.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* Additional rapporteur = A.De Pasquale.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-18 2003-01-10 6 . 0 . 0 [get it](#)  
RP-21 2003-10-10 6 . 1 . 0 [get it](#)  
RP-23 2004-04-01 6 . 2 . 0 [get it](#)  
RP-24 2004-06-24 6 . 3 . 0 [get it](#)  
RP-27 2005-04-01 6 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 162

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.943 Deployment aspects**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

RP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TR 25.951 Base Station (BS) classification (FDD)**

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* SÄYNNÄJÄKANGAS, NOKIA Corporation  
Tuomo

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* RP-19: from Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-19 2003-03-24 2 . 0 . 0 RP-030155 [get it](#)  
RP-19 2003-04-04 6 . 0 . 0 [get it](#)  
RP-20 2003-06-27 6 . 1 . 0 [get it](#)  
RP-21 2003-10-10 6 . 2 . 0 [get it](#)

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**TR 25.956 Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA S.A.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

RP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 163

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.992 Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* RP-26

*WG (prime / other):* RP / GP *rapporteur:* PIRSKANEN, Juho NOKIA Corporation  
*G: yes U: yes* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		1	.	0	.	0	NOT seen by TSG RAN. Suspect version number is too optimistic.	
draft		1	.	1	.	0		
draft	2003-01-20	1	.	2	.	0	Exploder list. Still not seen by RAN.	<a href="#">get it</a>
RP-19	2003-03-24	1	.	3	.	0	RP-030016	<a href="#">get it</a>
RP-20	2003-06-02	2	.	0	.	0	RP-030310 - not approved	<a href="#">get it</a>
pre-RP-21	2003-08-19	2	.	0	.	1	cleaned up draft from MCC	<a href="#">get it</a>
RP-21	2003-09-29	2	.	0	.	2	RP-030426	<a href="#">get it</a>
RP-21	2003-10-02	6	.	0	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 164

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)**

Rel-6 *current version:* 6.9.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* SP-17: Currently the latest release version.

*history (event, available, version, comments, hyperlink):*

RP-18	2002-12-16	0	.	0	.	0	RP-020814; version number incorrect on the document	<a href="#">get it</a>
RP-18	2003-01-16	0	.	1	.	0	RP-020877	<a href="#">get it</a>
RP-18		2	.	0	.	0	RP-020890 = composite of previous two versions!	
RP-18	2003-01-13	6	.	0	.	0	also created identical R99, Rel-4, Rel-5 versions	<a href="#">get it</a>
RP-19	2003-03-25	6	.	1	.	0		<a href="#">get it</a>
RP-20	2003-06-20	6	.	2	.	0		<a href="#">get it</a>
RP-21	2003-10-02	6	.	3	.	0		<a href="#">get it</a>
RP-22	2004-01-12	6	.	4	.	0		<a href="#">get it</a>
RP-23	2004-03-24	6	.	5	.	0		<a href="#">get it</a>
RP-24	2004-06-17	6	.	6	.	0		<a href="#">get it</a>
RP-25	2004-09-23	6	.	7	.	0		<a href="#">get it</a>
RP-26	2004-12-23	6	.	8	.	0		<a href="#">get it</a>
RP-27	2005-03-24	6	.	9	.	0		<a href="#">get it</a>

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**TR 25.994 Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults**

Rel-6 *current version:* none *WG (prime / other):* R2 / R1, R3, R4 *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* RP-26 *MCC:* ARZELIER, Claude

*remarks - general:* RP-20: Primary responsibility moved from RP to R2.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 165

31 May 2005 21:13:30

ACTIVE specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.995 Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface**

Rel-6 *current version:* none *WG (prime / other):* R2 / R1, *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* RP-26 R3,  
R4

*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* RP-20: Primary responsibility moved from RP to R2.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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**TR 25.996 Spacial channel model for Multiple Input Multiple Output (MIMO) simulations**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-19	2003-03-24	1	.	0	.	0	RP-030181	<a href="#">get it</a>
RP-20	2003-06-17	2	.	0	.	0	RP-030311	<a href="#">get it</a>
RP-20	2003-07-03	6	.	0	.	0		<a href="#">get it</a>
RP-21	2003-09-29	6	.	1	.	0		<a href="#">get it</a>

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Rel-6 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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# 3GPP specification status

Page 166

31 May 2005 21:13:30

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.071 AMR speech Codec; General description**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson

*G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:* Transfer>TSG#4

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TS 26.073 AMR speech Codec; C-source code**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson

*G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TS 26.074 AMR speech Codec; Test sequences**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson

*G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:* Transfer>TSG#4

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 167

31 May 2005 21:13:30

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.077 Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.090 AMR speech Codec; Transcoding Functions**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.091 AMR speech Codec; Error concealment of lost frames**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 168

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 26.093 AMR speech Codec; Source Controlled Rate operation

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-04-04 6 . 0 . 0 [get it](#)

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## TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 169

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0

[get it](#)

---

**TS 26.102 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0

[get it](#)

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**TS 26.103 Speech codec list for GSM and UMTS**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* HELLWIG, Karl Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino  
*remarks - general:* New after TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0

[get it](#)

SP-26 2005-01-06 6 . 1 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 170

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22 2004-01-06 6 . 0 . 0 [get it](#)

SP-23 2004-04-01 6 . 1 . 0 [get it](#)

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**TS 26.110 Codec for circuit switched multimedia telephony service; General description**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* CR at TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0 [get it](#)

SP-26 2005-01-06 6 . 1 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 171

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.115 Echo control for speech and multimedia services

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.  
*G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0 [get it](#)

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## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.  
*G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 172

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.140 Multimedia Messaging Service (MMS); Media formats and codes**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S4 / T2 *rapporteur:* CASTAGNO, Roberto NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0 [get it](#)  
SP-26 2005-01-06 6 . 1 . 0 [get it](#)  
SP-27 2005-04-01 6 . 2 . 0 [get it](#)

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**TS 26.141 IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:* WI = "Media Codecs and Formats for IMS Messaging and Presence" UID 32045. *remarks - this release:* 2004-11-04: Timed out of Rel-6; must be Rel-7. SP-26: Reverts to Rel-6, has caught up.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-21 1 . 0 . 0 SP-040835 for approval [get it](#)  
SP-26 2005-01-06 6 . 0 . 0 [get it](#)  
SP-27 2005-04-01 6 . 1 . 0 [get it](#)

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**TS 26.171 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 173

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.173 ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:* 2001-10-01: added "G" flag.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.174 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.177 Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / *rapporteur:* PEARCE, David MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-21 1 . 0 . 0 SP-040833 for approval [get it](#)  
SP-26 2005-01-11 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 174

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.190 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* VACANT,  
G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TS 26.191 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TS 26.192 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* VACANT,  
G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 175

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.193**    **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation**  
Rel-6    *current version:* 6.0.0    *WG (prime / other):* S4 / -    *rapporteur:* BRUHN, Stefan    Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26    *G:* yes    *U:* yes    *MCC:* USAI, Paolino  
*remarks - general:*    *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze    [get it](#)

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**TS 26.194**    **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD)**  
Rel-6    *current version:* 6.0.0    *WG (prime / other):* S4 / -    *rapporteur:* VACANT,  
*freeze\_meeting:* SP-26    *G:* yes    *U:* yes    *MCC:* USAI, Paolino  
*remarks - general:*    *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze    [get it](#)

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**TS 26.201**    **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure**  
Rel-6    *current version:* 6.0.0    *WG (prime / other):* S4 / -    *rapporteur:* HAGQVIST, Jari    NOKIA Corporation  
*freeze\_meeting:* SP-26    *G:* yes    *U:* yes    *MCC:* USAI, Paolino  
*remarks - general:*    *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze    [get it](#)

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# 3GPP specification status

Page 176

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.202** **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to lu, Uu and Nb**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 26.204** **Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino One  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 [get it](#)

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**TS 26.226** **Cellular text telephone modem; General description**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text telephony (GTT);Transport of text in the voice channel". *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 177

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.230 Cellular text telephone modem; Transmitter bit exact C-code

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text telephony (GTT); Cellular text telephone modem transmitter C-code description" to reflect document  
*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 26.231 Cellular text telephone modem; Minimum performance requirements

Rel-6 *current version:* 6.0.2 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set.  
*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)  
edito post SP-26 2005-01-18 6 . 0 . 1 TR -> TS on cover page [get it](#)  
SP-26 2005-01-19 6 . 0 . 2 Correct the previous correction [get it](#)

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## TS 26.233 End-to-end transparent streaming service; General description

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: U: yes* *MCC:* USAI, Paolino  
*remarks - general:*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 178

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.234 Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* SP-19: CRs anticipated at SP-22. SP-21: Intend to split the Rel-6 spec into four separate specs.

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-18	6	.	0	.	0	<a href="#">get it</a>
SP-25	2004-09-30	6	.	1	.	0	<a href="#">get it</a>
SP-26	2005-01-06	6	.	2	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	3	.	0	<a href="#">get it</a>

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## TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-25	6	.	0	.	0	<a href="#">get it</a>
SP-24	2004-06-18	6	.	1	.	0	<a href="#">get it</a>
SP-25	2004-09-30	6	.	2	.	0	<a href="#">get it</a>
SP-26	2005-01-06	6	.	3	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 179

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.236 Packet switched conversational multimedia applications; Transport protocols**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-18	6	.	0	.	0	<a href="#">get it</a>
SP-26	2005-01-06	6	.	1	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0	<a href="#">get it</a>

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**TS 26.243 ANSI C code for the fixed-point distributed speech recognition extended advanced front-end**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / *rapporteur:* PEARCE, David MOTOROLA Ltd  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino  
*remarks - general:* WI UID = 34700 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-22	1	.	0	.	0	SP-040064 (no C code included) <a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040343 <a href="#">get it</a>
SP-24	2004-06-18	6	.	0	.	0	<a href="#">get it</a>
SP-26	2005-01-06	6	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 180

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.244 Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP)

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2003-04-04	0	.	1	.	3		<a href="#">get it</a>
draft		0	.	2	.	5		
SP-22	2004-01-05	1	.	0	.	0	SP-030672	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040065	<a href="#">get it</a>
SP-23	2004-04-01	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-30	6	.	1	.	0		<a href="#">get it</a>
SP-26	2005-01-06	6	.	2	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	3	.	0		<a href="#">get it</a>

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## TS 26.245 Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0	S4-020670	
draft		0	.	1	.	0	S4-030023	
draft		0	.	1	.	1	S4-030062	
draft		0	.	1	.	2	S4-030151	
draft	2003-04-04	0	.	1	.	3	S4-030251	<a href="#">get it</a>
draft		0	.	1	.	4	S4-030344	
S4-26		0	.	1	.	5	S4-030421	
draft	2003-07-24	0	.	1	.	6	S4-030581	<a href="#">get it</a>
draft	2004-02-12	0	.	1	.	7	S4-030798	<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040344	<a href="#">get it</a>
SP-24	2004-06-18	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-06	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 181

31 May 2005 21:13:31

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.246 Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rporteur:* GRASSEL, Guido NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* U: yes *MCC:* USAI, Paolino

*remarks - general:* Created S4-25bis. See S4-030135.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2003-04-03	0	.	0	.	1		<a href="#">get it</a>
draft		0	.	0	.	2	erroneously numbered v6.0.2	
draft	2003-08-29	0	.	0	.	3	erroneously numbered v6.0.3	<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030673	<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040345	<a href="#">get it</a>
SP-24	2004-06-18	6	.	0	.	0		<a href="#">get it</a>

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**TS 26.273 ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rporteur:* VAINIO, Janne NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:* 2005-02-25: title tweaked to conform with that requested for 26.274 and to match structure for other similar specs. Pre-SP-28: title tweaked back to original, nonconformist, version. :-)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	5	.	0		
draft	2004-06-14	0	.	5	.	3		<a href="#">get it</a>
draft	2004-06-17	0	.	5	.	4		<a href="#">get it</a>
SP-24	2004-06-14	1	.	0	.	0	SP-040425	<a href="#">get it</a>
SP-27	2005-03-21	2	.	0	.	0	SP-050083	<a href="#">get it</a>
SP-27	2005-04-01	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 182

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.274**    **Speech codec speech processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec; Conformance testing**  
Rel-6    *current version:* 1.0.0    DRAFT    *WG (prime / other):* S4 /    *rapporteur:* BRUHN, Stefan    Telefon AB LM Ericsson  
*freeze\_meeting:*    *G: yes*    *U: yes*    *MCC:* USAI, Paolino  
*remarks - general:*    *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

SP-27 2005-03-21 1 . 0 . 0 SP-050086 for info    [get it](#)

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**TS 26.290**    **Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions**  
Rel-6    *current version:* 6.2.0    *WG (prime / other):* S4 / -    *rapporteur:* VAINIO, Janne    NOKIA Corporation  
*freeze\_meeting:* SP-26    *G: yes*    *U: yes*    *MCC:* USAI, Paolino  
*remarks - general:*    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-05-25 0 . 5 . 0 based on very old template!    [get it](#)  
draft 2004-06-17 0 . 5 . 6    [get it](#)  
SP-24 2004-06-14 1 . 0 . 0 SP-040426    [get it](#)  
SP-25 2004-09-20 2 . 0 . 0 SP-040639    [get it](#)  
SP-25 2004-09-30 6 . 0 . 0    [get it](#)  
SP-26 2005-01-06 6 . 1 . 0    [get it](#)  
SP-27 2005-04-01 6 . 2 . 0    [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 183

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.304 Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Floating-point ANSI-C code**

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne  
*G:* yes *U:* yes *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	5	.	0		
draft	2004-06-14	0	.	5	.	3		<a href="#">get it</a>
draft	2004-06-17	0	.	5	.	5		<a href="#">get it</a>
SP-24	2004-06-14	1	.	0	.	0	SP-040427	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040640	<a href="#">get it</a>
SP-25	2004-09-30	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-06	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 184

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.346 Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / S2, S3 *rporteur:* CURCIO, Igor NOKIA Corporation  
*freeze\_meeting:* SP-26

*G:* U: yes *MCC:* USAI, Paolino

*remarks - general:* WI = "Multimedia Broadcast and Multicast Service" UID 2544.

*remarks - this release:* SP-22: v1.0.0 had been expected this mtg, but at least 3 months delay expected.

*history (event, available, version, comments, hyperlink):*

S4-28		0	.	0	.	0			
draft		0	.	0	.	1			
draft		0	.	0	.	2			
S4-31		0	.	0	.	3			
S4-31		0	.	0	.	4			
S4-32	2004-09-20	0	.	0	.	5			<a href="#">get it</a>
draft	2003-08-29	0	.	1	.	0	does not show spec number or version on cover		<a href="#">get it</a>
SP-25	2004-09-20	1	.	0	.	0	SP-040632 ex S4-32 S4-040521		<a href="#">get it</a>
draft		1	.	0	.	1			
draft		1	.	0	.	2			
S4-33		1	.	0	.	3	S4-040676		
S4-33		1	.	0	.	4	S4-040773		
S4-33		1	.	1	.	0	S4-040835		
SP-26 ex S4-33	2004-11-30	1	.	5	.	0	SP-040832 ex S4-33 S4-040859		<a href="#">get it</a>
S4-35		1	.	6	.	0	S4-050095		
S4-35		1	.	7	.	0	S4-050138		
S4-35		1	.	8	.	0	S4-050231		
S4-35	2005-02-28	1	.	9	.	0	S4-050248		<a href="#">get it</a>
SP-27	2005-03-21	2	.	0	.	0	SP-050082 for approval		<a href="#">get it</a>
SP-27	2005-04-01	6	.	0	.	0			<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 185

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.401 General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S4-31	2004-05-25	0	.	0	.	1		<a href="#">get it</a>
SP-24	2004-06-14	1	.	0	.	0	SP-040428	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040633	<a href="#">get it</a>
SP-25	2004-09-30	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-06	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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**TS 26.402 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S4-31	2004-05-25	0	.	0	.	1		<a href="#">get it</a>
SP-24	2004-06-14	1	.	0	.	0	SP-040429	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040634	<a href="#">get it</a>
SP-25	2004-09-30	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 186

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.403 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S4-31	2004-05-25	0	.	0	.	1		<a href="#">get it</a>
SP-24	2004-06-14	1	.	0	.	0	SP-040430	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040635	<a href="#">get it</a>
SP-25	2004-09-30	6	.	0	.	0		<a href="#">get it</a>

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**TS 26.404 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S4-31	2004-05-25	0	.	0	.	1		<a href="#">get it</a>
SP-24	2004-06-14	1	.	0	.	0	SP-040431	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040636	<a href="#">get it</a>
SP-25	2004-09-30	6	.	0	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 187

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.405 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S4-31	2004-05-25	0	.	0	.	1		<a href="#">get it</a>
SP-24	2004-06-14	1	.	0	.	0	SP-040432	<a href="#">get it</a>
SP-25		2	.	0	.	0	SP-040637	
SP-25	2004-09-30	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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**TS 26.406 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Conformance testing**  
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-27	2005-03-21	1	.	0	.	0	SP-050085 for info	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 188

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.410 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-06-14	0 . 0 . 1		<a href="#">get it</a>
draft	2004-06-14	0 . 0 . 2		<a href="#">get it</a>
SP-24	2004-06-24	1 . 0 . 0	SP-040433	<a href="#">get it</a>
SP-25	2005-01-13	2 . 0 . 0	SP-040638	<a href="#">get it</a>
SP-25	2004-09-30	6 . 0 . 0		<a href="#">get it</a>
SP-26	2005-01-06	6 . 1 . 0		<a href="#">get it</a>
post SP-26	2005-01-13	6 . 1 . 1	Includes directory information in attached code to ensure correct compilation.	<a href="#">get it</a>
SP-27	2005-04-01	6 . 2 . 0		<a href="#">get it</a>

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**TS 26.411 General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* KUNZ, Oliver Coding Technologies GmbH  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-27	2005-03-21	1 . 0 . 0	SP-050146 for approval	<a href="#">get it</a>
SP-27	2005-04-01	6 . 0 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 189

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.412 General audio codec audio processing functions; Source code for 3GP file format**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* SINGER, David Apple Computer Inc  
*freeze\_meeting:* G: yes U: yes *MCC:* USAI, Paolino  
*remarks - general:* 2004-11-26: Rapporteur proposes to have this spec. 2005-02-02: Still no draft available. 2005-02-15: "Enhanced aacPlus general audio codec;" removed from title "as AMR-WB+ also uses the library, and it is of use to people using other codecs also" (rapporteur). *remarks - this release:* SP-26: No draft available.

*history (event, available, version, comments, hyperlink):*

S4-34 2005-02-17 0 . 0 . 1 S4-050042 [get it](#)  
SP-27 2005-03-21 1 . 0 . 0 SP-050087 for info [get it](#)

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**TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* HAAVISTO, Petri Nokia Research Center  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0 [get it](#)

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**TR 26.935 Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BERTENYI, Balazs NOKIA Corporation  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* USAI, Paolino  
*remarks - general:* 2004-01-05: Drafted by Dynasat (Alan Sharpley & Ira Panzer) under 3GPP Guest status. To be approved at S4-30. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-22 1 . 0 . 0 SP-040063 [get it](#)  
S4-30 2004-05-12 1 . 4 . 0 S4-040218 [get it](#)  
SP-24 2004-06-14 2 . 0 . 0 SP-040342 [get it](#)  
SP-24 2004-06-18 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 190

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.936 Performance characterization of the Enhanced aacPlus and Extended Adaptive Multi-Rate - Wideband (AMR-WB+) audio codecs**  
Rel-6 *current version:* none *WG (prime / other):* S4 / *rapporteur:* SHARPLEY, Alan Dynastat, Inc.  
*freeze\_meeting:* G: U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TR 26.937 Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* VARSA, Viktor Nokia Telecommunications Inc.  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-04-01 6 . 0 . 0

[get it](#)

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**TR 26.943 Recognition performance evaluations of codecs for Speech Enabled Services (SES)**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / *rapporteur:* PEARCE, David MOTOROLA Ltd  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-21 1 . 0 . 0 SP-040834 for approval

SP-26 2005-01-06 6 . 0 . 0

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 191

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.946 Multimedia Broadcast/Multicast Service (MBMS) user service guidelines**

Rel-6 *current version:* 0.0.2 DRAFT *WG (prime / other):* S4 / - *rapporteur:* LOHMAR, Thorsten Nippon Ericsson K.K.  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-09-20 0 . 0 . 2

[get it](#)

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**TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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**TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Cf 26.975.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 192

31 May 2005 21:13:32

ACTIVE specs Rel-6 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TR 26.978 Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Replaces 26.078 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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Rel-6 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 193

31 May 2005 21:13:32

ACTIVE specs Rel-6 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-6 *current version:* 6.0.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)  
edito post TP-26 2005-01-17 6 . 0 . 1 make figure 0.1 visible [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 194

31 May 2005 21:13:32

ACTIVE specs Rel-6 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.007 AT command set for User Equipment (UE)

Rel-6 *current version:* 6.8.0 *WG (prime / other):* C1 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.  
*freeze\_meeting:* TP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16	2002-06-25	6	.	0	.	0	<a href="#">get it</a>
TP-18	2002-12-20	6	.	1	.	0	<a href="#">get it</a>
TP-19	2003-03-31	6	.	2	.	0	<a href="#">get it</a>
TP-20	2003-06-23	6	.	3	.	0	<a href="#">get it</a>
TP-21	2003-10-03	6	.	4	.	0	<a href="#">get it</a>
TP-24	2004-06-17	6	.	5	.	0	<a href="#">get it</a>
TP-25	2004-09-23	6	.	6	.	0	<a href="#">get it</a>
TP-26	2005-01-03	6	.	7	.	0	<a href="#">get it</a>
TP-27	2005-04-04	6	.	8	.	0	<a href="#">get it</a>

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## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* TP-26 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26	2005-01-05	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 195

31 May 2005 21:13:33

ACTIVE specs Rel-6 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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**TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* GPRSCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24 2004-06-18 6 . 0 . 0 [get it](#)

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Rel-6 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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**TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-30 6 . 0 . 0 [get it](#)  
SP-26 2005-01-06 6 . 1 . 0 Attachment TFO\_Decision C-Code has [get it](#)  
known errors. Anticipate CRs at SP-27.

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Rel-6 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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# 3GPP specification status

Page 196

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.002 Mobile Application Part (MAP) specification

Rel-6 *current version:* 6.9.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### history (event, available, version, comments, hyperlink):

NP-18	2003-01-09	6	.	0	.	0	<a href="#">get it</a>
NP-19	2003-04-04	6	.	1	.	0	<a href="#">get it</a>
NP-20	2003-07-08	6	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-09	6	.	3	.	0	<a href="#">get it</a>
NP-22	2004-01-13	6	.	4	.	0	<a href="#">get it</a>
NP-23	2004-03-23	6	.	5	.	0	<a href="#">get it</a>
NP-24	2004-06-17	6	.	6	.	0	<a href="#">get it</a>
NP-25	2004-09-28	6	.	7	.	0	<a href="#">get it</a>
NP-26	2004-12-23	6	.	8	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	9	.	0	<a href="#">get it</a>

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## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### history (event, available, version, comments, hyperlink):

NP-26	2005-01-07	6	.	0	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 197

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
Rel-6 *current version: Procedures and the Mobile Application Part (MAP)* 6.5.0WG (*prime / other*): C4 /- *rapporteur:* KYMALAINEN, Kimmo  
TeliaSonera AB

*freeze\_meeting:* NP-26 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4 (transfer??)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

MP-21	2003-10-09	6 . 0 . 0	<a href="#">get it</a>
NP-22	2004-01-12	6 . 1 . 0	<a href="#">get it</a>
NP-23	2004-03-23	6 . 2 . 0	<a href="#">get it</a>
NP-24	2004-06-15	6 . 3 . 0	<a href="#">get it</a>
NP-25	2004-09-30	6 . 4 . 0	<a href="#">get it</a>
NP-27	2005-04-01	6 . 5 . 0	<a href="#">get it</a>

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**TS 29.011 Signalling Interworking for Supplementary Services**  
Rel-6 *current version: 6.0.0* WG (*prime / other*): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6 . 0 . 0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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**TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**  
Rel-6 *current version: 6.0.0* WG (*prime / other*): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-26 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6 . 0 . 0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 198

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24 2004-06-21 6 . 0 . 0 [get it](#)  
NP-25 2004-09-27 6 . 1 . 0 [get it](#)  
NP-27 2005-04-01 6 . 2 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 199

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

Rel-6 *current version:* 6.8.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19	2003-04-04	6 . 0 . 0	<a href="#">get it</a>
NP-20	2003-06-27	6 . 1 . 0	<a href="#">get it</a>
NP-21	2003-10-09	6 . 2 . 0	<a href="#">get it</a>
NP-22	2004-01-12	6 . 3 . 0	<a href="#">get it</a>
NP-23	2004-03-24	6 . 4 . 0	<a href="#">get it</a>
NP-24	2004-06-15	6 . 5 . 0	<a href="#">get it</a>
NP-25	2004-09-30	6 . 6 . 0	<a href="#">get it</a>
NP-26	2005-01-07	6 . 7 . 0	<a href="#">get it</a>
NP-27	2005-04-01	6 . 8 . 0	<a href="#">get it</a>

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## TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don

*remarks - general:* Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-23	2004-03-22	6 . 0 . 0	<a href="#">get it</a>
NP-24	2004-06-18	6 . 1 . 0	<a href="#">get it</a>
NP-25	2004-09-28	6 . 2 . 0	<a href="#">get it</a>
NP-26	2005-01-07	6 . 3 . 0	<a href="#">get it</a>
edito post NP-26	2005-01-19	6 . 3 . 1	make figures visible <a href="#">get it</a>
NP-27	2005-04-01	6 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 200

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.078 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**  
Rel-6 *current version:* 6.4.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-22	6	.	0	.	0	<a href="#">get it</a>
NP-23	2004-03-29	6	.	1	.	0	<a href="#">get it</a>
NP-24	2004-06-17	6	.	2	.	0	<a href="#">get it</a>
NP-25	2004-10-07	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	4	.	0	<a href="#">get it</a>

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**TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* TSG#8:Appeared as v2.0.0 (RP-000258) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-22	2004-01-13	6	.	0	.	0	Technically identical to v5.3.0. Created as <a href="#">get it</a> by product of update of M.1457 (even though this spec is not cited there).
RP-24	2004-06-18	6	.	1	.	0	<a href="#">get it</a>
RP-17	2005-03-24	6	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 201

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.109 Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C4 / - *rapporteur:* LAITINEN, Lauri NOKIA Corporation  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* WI = SEC1-SC (UID 14504). NP-24 title changed from "Bootstrapping and subscriber certificates; Diameter protocols; Stage 3"CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	0	.	0	.	0	2003-10	
N4-21	0	.	1	.	0		
N4-22	2004-04-01	0	.	2	.	0	<a href="#">get it</a>
N4-23		0	.	3	.	0	
NP-24	2004-06-14	1	.	0	.	0	NP-040231 <a href="#">get it</a>
N4-24		1	.	1	.	0	
NP-25	2004-09-20	2	.	0	.	0	NP-040410 <a href="#">get it</a>
NP-25	2004-09-30	6	.	0	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	1	.	0	<a href="#">get it</a>
edito post NP-26	2005-01-10	6	.	1	.	1	fixes word problem <a href="#">get it</a>
NP-27	2005-04-01	6	.	2	.	0	<a href="#">get it</a>

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**TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* AIKAWA, Shinichiro Fujitsu Limited  
*freeze\_meeting:* NP-26 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 202

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 29.140 Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* The MM10 interface is between MMS Relay/Server and MSCF (Messaging Service Control Function) CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-25 2004-09-20 1 . 0 . 0 TP-040173 [get it](#)  
TP-26 2004-12-21 2 . 0 . 0 TP-040227 [get it](#)  
TP-26 2005-01-03 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 203

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.161 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* WI UID = 14013.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

N3-31	2004-02-23	0	.	0	.	1	N3-040108 but several subsequent drafts	<a href="#">get it</a>
							with same version number exist	
N3-31b	2004-04-01	0	.	1	.	0	History box not updated since v0.0.1	<a href="#">get it</a>
N3-32	2004-05-18	0	.	2	.	0		<a href="#">get it</a>
N3-33	2004-08-30	2	.	0	.	0		<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	1	NP-040344	<a href="#">get it</a>
NP-25	2004-09-28	6	.	0	.	0		<a href="#">get it</a>

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**TS 29.162 Interworking between the IM CN subsystem and IP networks**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / *rapporteur:* HOLLAND, Nigel O2 plc  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Work item moved to Rel-6.

*history (event, available, version, comments, hyperlink):*

N3-33		1	.	1	.	0		
NP-25	2004-09-20	1	.	1	.	1	NP-040345	<a href="#">get it</a>
NP-26	2004-12-21	1	.	3	.	0	NP-040568	<a href="#">get it</a>
NP-26	2004-12-21	2	.	0	.	0	NP-040588	<a href="#">get it</a>
NP-26	2005-01-10	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 204

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-6 *current version:* 6.6.0 *WG (prime / other):* C3 / *rporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.

### *history (event, available, version, comments, hyperlink):*

N3-25	2003-01-20	1 . 4 . 1		<a href="#">get it</a>
NP-19	2003-03-06	1 . 5 . 0		<a href="#">get it</a>
draft	2003-03-24	1 . 5 . 1		<a href="#">get it</a>
N3-28		1 . 6 . 0		
NP-20	2003-06-17	1 . 7 . 0	NP-030196	<a href="#">get it</a>
N3-29	2003-09-09	1 . 8 . 0	distributed 2003-09-08 as a "draft" v1.8.0; the held version is the "official" v1.8.0.	<a href="#">get it</a>
pre NP-21	2003-09-13	1 . 9 . 0		<a href="#">get it</a>
NP-21	2003-09-29	2 . 0 . 0	NP-030326	<a href="#">get it</a>
NP-21	2003-10-01	6 . 0 . 0		<a href="#">get it</a>
NP-22	2004-01-26	6 . 1 . 0	Late delivery due to difficulty of interpretation of conflicting CRs	<a href="#">get it</a>
NP-23	2004-03-22	6 . 2 . 0		<a href="#">get it</a>
NP-24	2004-06-28	6 . 3 . 0		<a href="#">get it</a>
NP-25	2004-09-28	6 . 4 . 0		<a href="#">get it</a>
NP-26	2005-01-07	6 . 5 . 0		<a href="#">get it</a>
NP-27	2005-04-01	6 . 6 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 205

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
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## TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-06	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments <a href="#">get it</a>

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## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments <a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 206

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
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## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-06	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments <a href="#">get it</a>
NP-27	2005-03-30	6	.	4	.	0	<a href="#">get it</a>

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## TS 29.198-04-1 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Call control common definitions

Rel-6 *current version:* 6.4.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-20	2003-06-27	6	.	0	.	0	<a href="#">get it</a>
NP-22	2004-02-12	6	.	1	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-06	6	.	4	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	4	.	1	adds code attachments <a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 207

31 May 2005 21:13:33

ACTIVE specs Rel-6 29 .- series  
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## TS 29.198-04-2 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control Service Capability Feature (SCF)

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments <a href="#">get it</a>

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## TS 29.198-04-3 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control Service Capability Feature (SCF)

Rel-6 *current version:* 6.4.1 *WG (prime / other):* C5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-20	2003-06-27	6	.	0	.	0	<a href="#">get it</a>
NP-22	2004-02-12	6	.	1	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	4	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	4	.	1	adds code attachments <a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 208

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
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## TS 29.198-04-4 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)

Rel-6 *current version:* 6.4.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-20	2003-06-27	6	.	0	.	0		<a href="#">get it</a>
NP-22	2004-02-12	6	.	1	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6	.	3	.	0		<a href="#">get it</a>
NP-26	2005-01-06	6	.	4	.	0		<a href="#">get it</a>
NP-26	2005-01-19	6	.	4	.	1	adds code attachments	<a href="#">get it</a>

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## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF)

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0		<a href="#">get it</a>
NP-26	2005-01-07	6	.	3	.	0		<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 209

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
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## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)

Rel-6 *current version:* 6.4.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-20	2003-06-27	6	.	0	.	0		<a href="#">get it</a>
NP-22	2004-02-12	6	.	1	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6	.	3	.	0		<a href="#">get it</a>
NP-26	2005-01-06	6	.	4	.	0		<a href="#">get it</a>
edito post NP-26	2005-01-19	6	.	4	.	1	Make figures visible, adds code attachments	<a href="#">get it</a>

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## TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF)

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0		<a href="#">get it</a>
NP-26	2005-01-06	6	.	3	.	0		<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 210

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
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## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF)

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-06	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments <a href="#">get it</a>

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## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management Service Capability Feature (SCF)

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-06	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments <a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 211

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
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## TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF)

Rel-6 *current version:* 6.3.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied <a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-06	6	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-19	6	.	3	.	1	adds code attachments <a href="#">get it</a>

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## TS 29.198-13 Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management Service Capability Feature (SCF)

Rel-6 *current version:* 6.2.2 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-20	2003-06-27	6	.	0	.	0	<a href="#">get it</a>
NP-22	2004-02-12	6	.	1	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). <a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0	<a href="#">get it</a>
edito post NP-26	2005-01-04	6	.	2	.	1	<a href="#">get it</a>
NP-26	2005-01-19	6	.	2	.	2	make figures visible <a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 212

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-14 Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) Service Capability Feature (SCF)

Rel-6 *current version:* 6.2.2 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-22	2004-02-12	6	.	0	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied	<a href="#">get it</a>
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC.	<a href="#">get it</a>
NP-25	2004-10-21	6	.	2	.	0		<a href="#">get it</a>
edito post NP-26	2005-01-04	6	.	2	.	1	references clean up	<a href="#">get it</a>
NP-26	2005-01-19	6	.	2	.	2	adds code attachments	<a href="#">get it</a>

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## TS 29.198-15 Open Service Access (OSA) Application Programming Interface (API); Part 15: Multi-media Messaging (MM) Service Capability Feature (SCF)

Rel-6 *current version:* 6.1.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-25	2004-09-20	1	.	0	.	0	NP-040359	<a href="#">get it</a>
NP-25	2004-10-21	6	.	0	.	0		<a href="#">get it</a>
NP-26	2005-01-06	6	.	1	.	0		<a href="#">get it</a>
NP-26	2005-01-19	6	.	1	.	1	adds code attachments	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 213

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
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## TS 29.199-01 Open Service Access (OSA); Parlay X web services; Part 1: Common

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* SP-25: part 1 title changed from "Overview and common data definitions" - according to rapporteur "to accurately cover its actual contents".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
NP-27	2005-03-30	6	.	1	.	0		<a href="#">get it</a>

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## TS 29.199-02 Open Service Access (OSA); Parlay X web services; Part 2: Third party call

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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## TS 29.199-03 Open Service Access (OSA); Parlay X web services; Part 3: Call notification

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* SP-25: part 3 title changed from "Network-initiated third party call" - in fact, it is a totally different spec.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 214

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.199-04 Open Service Access (OSA); Parlay X web services; Part 4: Short messaging

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
NP-26	2005-01-05	6	.	1	.	0		<a href="#">get it</a>
NP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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## TS 29.199-05 Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
NP-26	2005-01-05	6	.	1	.	0		<a href="#">get it</a>
NP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 215

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.199-06 Open Service Access (OSA); Parlay X web services; Part 6: Payment

Rel-6    *current version:* 6.0.0    *WG (prime / other):* C5 / -    *rapporteur:* BAKKER, John-Luc    Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26    *G:*    *U:* yes    *MCC:* ZOICAS, Adrian

*remarks - general:*    CP-27: change of WG as a result of closure of CN and T.    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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## TS 29.199-07 Open Service Access (OSA); Parlay X web services; Part 7: Account management

Rel-6    *current version:* 6.0.0    *WG (prime / other):* C5 / -    *rapporteur:* BAKKER, John-Luc    Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26    *G:*    *U:* yes    *MCC:* ZOICAS, Adrian

*remarks - general:*    CP-27: change of WG as a result of closure of CN and T.    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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## TS 29.199-08 Open Service Access (OSA); Parlay X web services; Part 8: User status

Rel-6    *current version:* 6.0.0    *WG (prime / other):* C5 / -    *rapporteur:* BAKKER, John-Luc    Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26    *G:*    *U:* yes    *MCC:* ZOICAS, Adrian

*remarks - general:*    CP-27: change of WG as a result of closure of CN and T.    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 216

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.199-09 Open Service Access (OSA); Parlay X web services; Part 9: Terminal location

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-24	2004-06-14	1	.	0	.	3	NP-040274	<a href="#">get it</a>
NP-25	2004-09-20	2	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
NP-26	2005-01-05	6	.	1	.	0		<a href="#">get it</a>

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## TS 29.199-10 Open Service Access (OSA); Parlay X web services; Part 10: Call handling

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-25	2004-09-20	1	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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## TS 29.199-11 Open Service Access (OSA); Parlay X web services; Part 11: Audio call

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-25	2004-09-20	1	.	0	.	0	NP-040360	<a href="#">get it</a>
NP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 217

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.199-12 Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-25 2004-09-20 1 . 0 . 0 NP-040360 [get it](#)  
NP-25 2004-09-23 6 . 0 . 0 [get it](#)

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## TS 29.199-13 Open Service Access (OSA); Parlay X web services; Part 13: Address list management

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-25 2004-09-20 1 . 0 . 0 NP-040360 [get it](#)  
NP-25 2004-09-23 6 . 0 . 0 [get it](#)

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## TS 29.199-14 Open Service Access (OSA); Parlay X web services; Part 14: Presence

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C5 / - *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-25 2004-09-20 1 . 0 . 0 NP-040360 [get it](#)  
NP-25 2004-09-28 6 . 0 . 0 [get it](#)  
NP-26 2005-01-05 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 218

31 May 2005 21:13:34

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.200 Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface**

Rel-6 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* JANSSON, Jari NOKIA Corporation  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Work item description in N4-021258.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-03 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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# 3GPP specification status

Page 219

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
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## TS 29.207 Policy control over Go interface

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don

*remarks - general:* NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-18	6	.	0	.	0	<a href="#">get it</a>
NP-25	2004-09-28	6	.	1	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	2	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	3	.	0	<a href="#">get it</a>

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## TS 29.208 End to end Quality of Service (QoS) signalling flows

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C3 / *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-24	2004-06-18	6	.	0	.	0	<a href="#">get it</a>
NP-25	2004-09-28	6	.	1	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	2	.	0	<a href="#">get it</a>
edito post NP-26	2005-01-13	6	.	2	.	1	correct numbering of notes <a href="#">get it</a>
NP-27	2005-04-01	6	.	3	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 220

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.209 Policy control over Gq interface

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* NP-26

*WG (prime / other):* C3 / - *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation  
*G:* *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* NP-26: Expected to be completed by NP-27.

### *history (event, available, version, comments, hyperlink):*

N3-29	2003-09-01	0 . 0 . 1		<a href="#">get it</a>
N3-31	2004-03-22	0 . 0 . 2	N3-040135	<a href="#">get it</a>
N3-31b	2004-04-27	0 . 1 . 0	N3-040250	<a href="#">get it</a>
NP-24	2004-05-25	1 . 0 . 0	NP-040243 ex N3-32	<a href="#">get it</a>
N3-33	2004-08-30	2 . 0 . 0		<a href="#">get it</a>
draft		2 . 0 . 1	NP-040342	
NP-25	2004-09-20	2 . 0 . 2	NP-040421	<a href="#">get it</a>
NP-25	2004-09-28	6 . 0 . 0		<a href="#">get it</a>
NP-26	2005-01-07	6 . 1 . 0		<a href="#">get it</a>
NP-27	2005-04-01	6 . 2 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 221

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
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## TS 29.210 Charging rule provisioning over Gx interface

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* WI URL = 35017CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

N3-31b		0	.	0	.	1			
draft		0	.	1	.	0			
draft		0	.	2	.	0			
draft		0	.	3	.	0			
N3-32		0	.	4	.	0			
N3-33	2004-08-30	1	.	0	.	0	ex N3-33.	<a href="#">get it</a>	
NP-25	2004-09-28	1	.	0	.	1	NP-040343	<a href="#">get it</a>	
N3-33b	2004-10-12	1	.	1	.	0	N3-040699	<a href="#">get it</a>	
NP-26	2004-12-21	2	.	0	.	0	NP-040566	<a href="#">get it</a>	
NP-26	2005-01-07	6	.	0	.	0		<a href="#">get it</a>	
NP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>	

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## TS 29.211 Rx Interface and Rx/Gx signalling flows

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-26	2004-11-26	1	.	0	.	0	NP-040567 ex N3-040879	<a href="#">get it</a>	
rapporteur's draft	2005-02-28	2	.	0	.	0	ex N3-050237	<a href="#">get it</a>	
NP-27	2005-03-21	2	.	0	.	1	NP-050118 (replacing NP-050113 replacing NP-050111)	<a href="#">get it</a>	
NP-27		2	.	1	.	0	NP-050139		
NP-27	2005-04-01	6	.	0	.	0		<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 222

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
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## TS 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

Rel-6 *current version:* 6.6.1 *WG (prime / other):* C4 / *rapporteur:* BLANCO, German Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Additional rapporteur: Miguel-Angel Pallares-LopezCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-21	2003-10-09	6	.	0	.	0	<a href="#">get it</a>
NP-22	2004-01-12	6	.	1	.	0	<a href="#">get it</a>
NP-23	2004-03-24	6	.	2	.	0	<a href="#">get it</a>
NP-24	2004-06-15	6	.	3	.	0	<a href="#">get it</a>
NP-25	2004-09-28	6	.	4	.	0	<a href="#">get it</a>
NP-26	2004-12-23	6	.	5	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	6	.	0	<a href="#">get it</a>
post NP-27 editorial	2005-04-04	6	.	6	.	1	<a href="#">get it</a>

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## TS 29.229 Cx and Dx interfaces based on the Diameter protocol; Protocol details

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C4 / - *rapporteur:* BLANCO, German Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* 2nd rapporteur: CZOMA, Balazs.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
NP-24	2004-06-15	6	.	1	.	0	<a href="#">get it</a>
NP-25	2004-09-28	6	.	2	.	0	<a href="#">get it</a>
NP-26	2004-12-23	6	.	3	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 223

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.230 Diameter applications; 3GPP specific codes and identifiers

Rel-6 *current version:* 6.3.0 *WG (prime / other):* C4 / *rapporteur:* TAMMI, Kalle NOKIA Corporation  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* WI UID = 14014CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
N2-22b		0	.	1	.	0		
draft		0	.	2	.	0		
draft		0	.	3	.	0		
draft		0	.	4	.	0		
NP-24	2004-06-14	1	.	0	.	0	NP-040232	<a href="#">get it</a>
NP-24	2004-06-14	2	.	0	.	0	NP-040289	<a href="#">get it</a>
NP-24	2004-06-15	6	.	0	.	0		<a href="#">get it</a>
NP-25	2004-09-30	6	.	1	.	0		<a href="#">get it</a>
NP-26	2005-01-07	6	.	2	.	0		<a href="#">get it</a>
NP-27	2005-04-01	6	.	3	.	0		<a href="#">get it</a>

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## TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* NP-26 *G: U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.ITCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-26	2004-12-23	6	.	0	.	0		<a href="#">get it</a>
NP-27	2005-04-04	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 224

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.234 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C4 / N2 *rapporteur:* SITCH, Paul NOKIA Corporation  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking", see N4-030221 (né N4-030157). NP-24: Secretary reports correct WI is NP-040224.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	2	.	0			
NP-21	2003-09-29	1	.	0	.	0	NP-030400	<a href="#">get it</a>	
N4-21	2004-01-12	1	.	1	.	0		<a href="#">get it</a>	
N4-22	2004-03-22	1	.	2	.	0		<a href="#">get it</a>	
post N4-22	2004-04-01	1	.	2	.	1	this version not shown in change history	<a href="#">get it</a>	
N4-22b		1	.	3	.	0			
N4-22b		1	.	3	.	1	Incorporate Tdoc N4-040475		
post N4-22b	2004-04-27	1	.	3	.	2	Editorial corrections based by 3GPP TS 21.801	<a href="#">get it</a>	
N4-23	2004-06-18	1	.	4	.	0	N4-040745	<a href="#">get it</a>	
N4-23b	2004-06-29	1	.	5	.	0	N4-040856	<a href="#">get it</a>	
N4-24		1	.	6	.	0	N4-041200		
post N4-24	2004-08-30	1	.	7	.	0		<a href="#">get it</a>	
NP-25	2004-09-20	2	.	0	.	0	NP-040404	<a href="#">get it</a>	
NP-25	2004-09-30	6	.	0	.	0		<a href="#">get it</a>	
NP-26	2005-01-07	6	.	1	.	0		<a href="#">get it</a>	
NP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 225

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.240 3GPP Generic User Profile (GUP); Stage 3; Network

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / *rapporteur:* KAUNTOLA, Seppo Nokia Networks Oyj  
*freeze\_meeting:* NP-27 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 27.241CP-27: *remarks - this release:* 2003-03-05: Delayed from Rel-5.  
change of WG as a result of closure of CN and T.

### *history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
N4-20	2003-10-08	0	.	1	.	0		<a href="#">get it</a>
N4-22	2004-04-01	0	.	2	.	0		<a href="#">get it</a>
N4-22b	2004-04-27	0	.	3	.	0	N4-040492	<a href="#">get it</a>
NP-26	2004-12-21	1	.	0	.	0	NP-040538	<a href="#">get it</a>
NP-27	2005-03-21	2	.	0	.	0	NP-050043	<a href="#">get it</a>
NP-27	2005-04-01	6	.	0	.	0		<a href="#">get it</a>

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## TS 29.278 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-16 Existence hinted at in N2 report. Draft believed to have been seen at N2. NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, Decemr 2004.

### *history (event, available, version, comments, hyperlink):*

NP-26	2005-01-19	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
NP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 226

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.328 IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents**

Rel-6 *current version:* 6.5.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-21: Title changed to include Dh interface as well as Sh.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-12	6	.	0	.	0	<a href="#">get it</a>
NP-23	2004-03-24	6	.	1	.	0	<a href="#">get it</a>
NP-24	2004-06-15	6	.	2	.	0	<a href="#">get it</a>
NP-25	2004-09-28	6	.	3	.	0	<a href="#">get it</a>
NP-26	2004-12-23	6	.	4	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	5	.	0	<a href="#">get it</a>

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**TS 29.329 Sh interface based on the Diameter protocol**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
NP-24	2004-06-15	6	.	1	.	0	<a href="#">get it</a>
NP-25	2004-09-28	6	.	2	.	0	<a href="#">get it</a>
NP-26	2004-12-23	6	.	3	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 227

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
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## TS 29.332 Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mn interface; Stage 3

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* 2002-05-30: Created in response to proposed new WI in N4-020773.CP-27: *remarks - this release:* Anticipated change control at NP-22.  
change of WG as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

draft	0	.	0	.	0	2002-09	
N4-16	0	.	0	.	1		
N4-17	0	.	1	.	0		
N4-18	0	.	2	.	0		
N4-19	0	.	3	.	0		
N4-22	2004-04-01	0	.	4	.	0	<a href="#">get it</a>
NP-24	2004-06-15	1	.	0	.	0	NP-040223 <a href="#">get it</a>
NP-25		2	.	0	.	0	NP-040403
NP-25	2004-09-30	6	.	0	.	0	<a href="#">get it</a>
NP-27	2005-04-01	6	.	1	.	0	<a href="#">get it</a>

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## TS 29.333 Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3

Rel-6 *current version:* none *WG (prime / other):* C4 / *rapporteur:* WARREN, Daniel VODAFONE Group Plc  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-25: may be delayed to Rel-7.

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 228

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.414 Core network Nb data transport and transport signalling

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* NP-26

*WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG

*G:* *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 29.415 Core network Nb interface user plane protocols

Rel-6 *current version:* 6.0.1

*freeze\_meeting:* NP-26

*WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG

*G:* *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-10 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)  
NP-26 2005-01-25 6 . 0 . 1 Correct typo on cover [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 229

31 May 2005 21:13:35

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.846 Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / *rapporteur:* HERRERO, Christian Telefon AB LM Ericsson  
*freeze\_meeting:* NP-26 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1			
N3-27		0	.	1	.	0		N1-0300277	
draft	2003-06-24	0	.	2	.	0			<a href="#">get it</a>
N1-32	2003-11-12	0	.	3	.	0			<a href="#">get it</a>
post N1-32	2003-11-14	0	.	3	.	1			<a href="#">get it</a>
NP-22	2004-01-05	1	.	0	.	0		NP-030489	<a href="#">get it</a>
N1-32b	2004-08-30	1	.	1	.	0			<a href="#">get it</a>
N1-33	2004-03-01	1	.	2	.	0			<a href="#">get it</a>
N1-33b	2004-04-27	1	.	3	.	0			<a href="#">get it</a>
past N1-33b	2004-04-28	1	.	3	.	1			<a href="#">get it</a>
N1-34	2004-05-28	1	.	4	.	0			<a href="#">get it</a>
N1-34b	2004-06-29	1	.	5	.	0			<a href="#">get it</a>
post N1-35	2004-08-30	1	.	6	.	0			<a href="#">get it</a>
post N1-35	2004-09-03	2	.	0	.	0			<a href="#">get it</a>
NP-25		2	.	0	.	1		NP-040368	
NP-25	2004-09-27	6	.	0	.	0			<a href="#">get it</a>

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# 3GPP specification status

Page 230

31 May 2005 21:13:36

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.847 Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* MAYER, Georg NOKIA Corporation  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
N1-29	2003-05-06	0	.	1	.	0		<a href="#">get it</a>
N1-30	2003-06-02	0	.	2	.	0	N1-031121	<a href="#">get it</a>
N1-31	2003-09-01	0	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-11	1	.	0	.	0	NP-030425	<a href="#">get it</a>
N1-31	2004-01-03	1	.	1	.	0		<a href="#">get it</a>
N1-32b	2004-02-02	1	.	2	.	0		<a href="#">get it</a>
N1-33	2004-02-23	1	.	3	.	0		<a href="#">get it</a>
N1-33b	2004-04-05	1	.	4	.	0		<a href="#">get it</a>
N1.34	2004-05-18	2	.	0	.	0	N1.34	<a href="#">get it</a>
NP-24	2004-05-25	2	.	0	.	1	post N1.34 editos -> NP-040194	<a href="#">get it</a>
NP-24	2004-06-14	6	.	0	.	0		<a href="#">get it</a>

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**TR 29.903 Feasibility Study on SS7 signalling transport in the core network with SCCP-User Adaptation (SUA) layer**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP-26 G: U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Supersedes 29.203.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004. Post NP-26: Secretary reports that this TR will not be promoted to future Releases.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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# 3GPP specification status

Page 231

31 May 2005 21:13:36

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.962 Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-26 G: U: yes MCC: HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-18	2003-01-06	1	.	0	.	0	NP-020610	<a href="#">get it</a>
NP-19	2003-03-06	1	.	1	.	0	NP-030073. Will be reviewed N1-28, N3-27.	<a href="#">get it</a>
N3-29		1	.	2	.	0		
NP-20	2003-06-17	2	.	0	.	0	NP-030197 -> NP-030293	<a href="#">get it</a>
NP-20	2003-06-23	6	.	0	.	0		<a href="#">get it</a>
NP-21	2003-10-01	6	.	1	.	0		<a href="#">get it</a>

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**TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / RP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-26 Skov

G: yes U: yes MCC: JURISIC, Andrijana

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-28	6	.	0	.	0		<a href="#">get it</a>
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**TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 G: U: yes MCC: ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-04	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 232

31 May 2005 21:13:36

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.998-04-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TR 29.998-04-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC**

Rel-6 *current version:* 6.0.4 *WG (prime / other):* C5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* Evidence for existance unearthed in N5-020143.CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22 2004-01-15 6 . 0 . 0 [get it](#)  
edito post NP-23 2004-03-29 6 . 0 . 1 updates IETF references [get it](#)  
edito 2004-04-27 6 . 0 . 2 Updated reference to use RFC number. [get it](#)  
edito post NP-24 2004-06-24 6 . 0 . 3 RFC no. [get it](#)  
edito post NP-26 2005-01-04 6 . 0 . 4 [get it](#)

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**TR 29.998-05-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 233

31 May 2005 21:13:36

ACTIVE specs Rel-6 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.998-05-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping**

Rel-6      *current version:* 6.0.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-26      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze      [get it](#)

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**TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP**

Rel-6      *current version:* 6.0.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-26      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze      [get it](#)

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**TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**

Rel-6      *current version:* 6.0.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-26      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze      [get it](#)

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Rel-6      **30** .- series      Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 234

31 May 2005 21:13:36

ACTIVE specs Rel-6 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.531 Work Plan and Study Items - RAN WG3

Rel-6 current version: 0.11.0 DRAFT

freeze\_meeting: RP-26

WG (prime / other): R3 / - rapporteur: KRAUSE, Joern SIEMENS AG

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release: Continues work started in R99 document.

history (event, available, version, comments, hyperlink):

draft 2001-11-23 0 . 9 . 3 Inherited from R99.

[get it](#)

R3-37 2003-10-13 0 . 11 . 0 R3-030923

[get it](#)

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## TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP) in Phase 2+

Rel-6 current version: 6.0.0

freeze\_meeting: NP-26

WG (prime / other): C4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series.CP-27: change of WG as a result of closure of CN and T.

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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Rel-6

31 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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# 3GPP specification status

Page 235

31 May 2005 21:13:36

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-6 *current version:* 6.4.1 *WG (prime / other):* C6 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* Contents is a reference to ETSI TR 102 221.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.

*history (event, available, version, comments, hyperlink):*

TP-17	2002-09-18	6	.	0	.	0	<a href="#">get it</a>
TP-18	2003-01-02	6	.	1	.	0	<a href="#">get it</a>
TP-20	2003-06-23	6	.	2	.	0	<a href="#">get it</a>
TP-25	2004-09-27	6	.	3	.	0	<a href="#">get it</a>
TP-26	2005-01-03	6	.	4	.	0	<a href="#">get it</a>
edito post TP-26	2005-01-06	6	.	4	.	1	<a href="#">get it</a>

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## TS 31.102 Characteristics of the USIM application

Rel-6 *current version:* 6.9.0 *WG (prime / other):* C6 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-26: not yet ready to freeze.

*history (event, available, version, comments, hyperlink):*

TP-18	2003-01-02	6	.	0	.	0	<a href="#">get it</a>
TP-19	2003-04-01	6	.	1	.	0	<a href="#">get it</a>
TP-20	2003-06-23	6	.	2	.	0	<a href="#">get it</a>
TP-21	2003-09-30	6	.	3	.	0	<a href="#">get it</a>
TP-22	2004-01-12	6	.	4	.	0	<a href="#">get it</a>
TP-23	2004-03-25	6	.	5	.	0	<a href="#">get it</a>
TP-24	2004-06-24	6	.	6	.	0	<a href="#">get it</a>
TP-25	2004-10-07	6	.	7	.	0	<a href="#">get it</a>
TP-26	2005-01-06	6	.	8	.	0	<a href="#">get it</a>
TP-27	2005-03-24	6	.	9	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 236

31 May 2005 21:13:36

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application

Rel-6 *current version:* 6.7.0 *WG (prime / other):* C6 / *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* TP-26 *G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* 2004-05-07:additional rapporteur: Peter Vestergaad.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-18	2003-01-02	6 . 0 . 0	<a href="#">get it</a>
TP-19	2003-03-26	6 . 1 . 0	<a href="#">get it</a>
TP-20	2003-06-23	6 . 2 . 0	<a href="#">get it</a>
TP-23	2004-03-26	6 . 3 . 0	<a href="#">get it</a>
TP-24	2004-06-15	6 . 4 . 0	<a href="#">get it</a>
TP-25	2004-10-01	6 . 5 . 0	<a href="#">get it</a>
TP-26	2005-01-03	6 . 6 . 0	<a href="#">get it</a>
TP-27	2005-03-24	6 . 7 . 0	<a href="#">get it</a>

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## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-6 *current version:* 6.5.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* *G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-26: not yet ready to freeze.

*history (event, available, version, comments, hyperlink):*

TP-22	2004-01-12	6 . 0 . 0	<a href="#">get it</a>
TP-23	2004-03-25	6 . 1 . 0	<a href="#">get it</a>
TP-24	2004-06-15	6 . 2 . 0	<a href="#">get it</a>
TP-25	2004-10-08	6 . 3 . 0	One CR unimplementable. Checking with rapporteur. <a href="#">get it</a>
TP-26	2005-01-03	6 . 4 . 0	<a href="#">get it</a>
TP-27	2005-04-15	6 . 5 . 0	Late delivery due to conflicting and unresolvable approved CRs <a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 237

31 May 2005 21:13:36

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.112 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C6 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* TP-26 One  
G: U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 31.113 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes**  
Rel-6 *current version:* 6.3.0 *WG (prime / other):* C6 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* TP-26 One  
G: U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16 2002-06-19 6 . 0 . 0 [get it](#)  
TP-17 2002-09-25 6 . 1 . 0 [get it](#)  
TP-19 2003-03-26 6 . 2 . 0 [get it](#)  
TP-26 2005-01-03 6 . 3 . 0 [get it](#)

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**TS 31.114 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C6 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* TP-26 G: U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-15: Enhancements to Rel-5 envisaged.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-06 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 238

31 May 2005 21:13:36

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-6 *current version:* 6.4.0 *WG (prime / other):* C6 / - *rapporteur:* MARTIN, Florence Axalto S.A.  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* additional rapporteur: Florence Martin.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.

*history (event, available, version, comments, hyperlink):*

TP-16	2002-06-26	2	.	0	.	0	TP-020126	<a href="#">get it</a>
TP-16	2002-06-19	6	.	0	.	0		<a href="#">get it</a>
TP-17	2002-09-23	6	.	1	.	0		<a href="#">get it</a>
TP-18	2003-01-02	6	.	2	.	0		<a href="#">get it</a>
TP-22	2004-01-12	6	.	3	.	0		<a href="#">get it</a>
TP-26	2005-01-03	6	.	4	.	0		<a href="#">get it</a>

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## TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-6 *current version:* 6.7.0 *WG (prime / other):* C6 / - *rapporteur:* MARTIN, Florence Axalto S.A.  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* additional rapporteur: Florence MartinCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-16	2002-06-26	2	.	0	.	0	TP-020127	<a href="#">get it</a>
TP-16	2002-06-19	6	.	0	.	0		<a href="#">get it</a>
TP-17	2002-09-23	6	.	1	.	0		<a href="#">get it</a>
TP-18	2003-01-02	6	.	2	.	0		<a href="#">get it</a>
TP-19	2003-03-26	6	.	3	.	0		<a href="#">get it</a>
TP-23	2004-03-25	6	.	4	.	0		<a href="#">get it</a>
TP-25	2004-09-28	6	.	5	.	0		<a href="#">get it</a>
TP-26	2005-01-03	6	.	6	.	0		<a href="#">get it</a>
TP-27	2005-03-24	6	.	7	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 239

31 May 2005 21:13:36

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C6 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCPCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification**  
Rel-6 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* WILLENBRINK, Udo Orga Test Systems Gmbh  
*freeze\_meeting:* *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* based on R99 core spec; split into 2 parts (this is 2)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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**TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification**  
Rel-6 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
*freeze\_meeting:* *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split into two partsCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 240

31 May 2005 21:13:36

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.124 Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C6 / - *rapporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:* To contain contents for all prior Releases.

*history (event, available, version, comments, hyperlink):*

TP-26	2004-12-21	1	.	0	.	0	TP-040271	<a href="#">get it</a>
TP-27	2005-03-21	2	.	0	.	0	TP-050016	<a href="#">get it</a>
TP-27	2005-03-24	6	.	0	.	0		<a href="#">get it</a>

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**TS 31.130 (U)SIM Application Programming Interface (API); (U)SIM API for Java Card**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* C6 / - *rapporteur:* JOLIVET, Paul LG Electronics Mobilecomm France  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:* TP-20: Target for approval: TP-21.

*history (event, available, version, comments, hyperlink):*

TP-20	2003-06-17	1	.	0	.	0	TP-030127	<a href="#">get it</a>
TP-23	2004-04-07	2	.	0	.	0	TP-040030	<a href="#">get it</a>
TP-23	2004-03-25	6	.	0	.	0		<a href="#">get it</a>
TP-23	2004-07-22	6	.	0	.	1	addition of Javascript file	<a href="#">get it</a>
TP-26	2005-01-06	6	.	1	.	0		<a href="#">get it</a>
TP-27	2005-03-24	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 241

31 May 2005 21:13:36

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* C6 / *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* TP-26  
*G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* Test spec is 34.131.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-17	2002-09-24	2	.	0	.	0	TP-020219	<a href="#">get it</a>
TP-17	2002-09-27	6	.	0	.	0		<a href="#">get it</a>
TP-19	2003-03-26	6	.	1	.	0		<a href="#">get it</a>

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**TS 31.213 Test Specification for (U)SIM API for Java(TM) Card**  
Rel-6 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* BEGASSAT, Christophe Axalto S.A.  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* WI in TP-040032 at TP-23.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-25: estimate change control at TP-27.

*history (event, available, version, comments, hyperlink):*

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**TR 31.900 SIM/USIM internal and external interworking aspects**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* C6 / *rapporteur:* KALINER, Stefan T-Mobile International AG  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-26	2005-01-06	6	.	0	.	0		<a href="#">get it</a>
TP-27	2005-03-24	6	.	1	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 242

31 May 2005 21:13:37

ACTIVE specs Rel-6 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TR 31.919 2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* C6 / - *rapporteur:* ANDRAU, Stéphane OBERTHUR CARD SYSTEMS S.A.  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* WI UID = 43005.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	1	.	0		
draft		0	.	2	.	0		
T3-27		0	.	3	.	0		
TP-20	2003-06-17	1	.	0	.	0	TP-030128	<a href="#">get it</a>
draft		1	.	1	.	0		
T3-28		1	.	1	.	1		
draft		1	.	1	.	2		
draft		1	.	2	.	0		
draft		1	.	3	.	0		
draft		1	.	3	.	1		
TP-23	2004-03-22	1	.	3	.	2	ex T3-30 -> TP-040031	<a href="#">get it</a>
TP-23	2004-03-25	6	.	0	.	0		<a href="#">get it</a>
TP-26	2005-01-03	6	.	1	.	0		<a href="#">get it</a>

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Rel-6 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.101 Telecommunication management; Principles and high level requirements**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-15	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 243

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.102 Telecommunication management; Architecture

Rel-6 *current version:* 6.3.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-10-03	6	.	0	.	0	
SP-22	2004-01-05	6	.	1	.	0	<a href="#">get it</a>
SP-23	2004-03-23	6	.	2	.	0	<a href="#">get it</a>
SP-24	2004-06-15	6	.	3	.	0	<a href="#">get it</a>

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## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-13	6	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 244

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
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**TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	6 . 0 . 0	<a href="#">get it</a>
post SP-22 edito	2004-01-13	6 . 0 . 1	<a href="#">get it</a>
SP-23	2004-03-23	6 . 1 . 0	<a href="#">get it</a>
SP-25	2004-09-23	6 . 2 . 0	<a href="#">get it</a>
SP-26	2005-01-04	6 . 3 . 0	<a href="#">get it</a>
SP-27	2005-03-30	6 . 4 . 0	<a href="#">get it</a>

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**TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	6 . 0 . 0	<a href="#">get it</a>
SP-26	2005-01-04	6 . 1 . 0	<a href="#">get it</a>
SP-27	2005-03-30	6 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 245

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
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## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	6 . 0 . 0	<a href="#">get it</a>
post SP-22 edito	2004-01-13	6 . 0 . 1	<a href="#">get it</a>
SP-23	2004-03-24	6 . 1 . 0	<a href="#">get it</a>
SP-25	2004-09-23	6 . 2 . 0	<a href="#">get it</a>
SP-26	2005-01-04	6 . 3 . 0	<a href="#">get it</a>
SP-27	2005-03-30	6 . 4 . 0	<a href="#">get it</a>

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## TS 32.111-5 Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0 . 0 . 2	<a href="#">get it</a>
SP-26	2004-11-29	1 . 0 . 0	SP-040792 <a href="#">get it</a>
SP-27	2005-03-21	2 . 0 . 0	SP-050022 <a href="#">get it</a>
SP-27	2005-03-30	6 . 0 . 0	2005-04-12: XML schema added. <a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 246

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.140 Telecommunication management; Subscription Management (SuM) requirements**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S5 / - *rapporteur:* ISLIP, John Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* 2004-03-29: S5 Project Manager: "services operations management" removed from title. *remarks - this release:* SP-15: moved from Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-19	1	.	0	.	0	SP-020012 (originally Rel-5)	<a href="#">get it</a>
SP-18	2003-01-06	1	.	1	.	1	SP-020728	<a href="#">get it</a>
SP-19		2	.	0	.	0	SP-030041	
SP-19	2003-03-31	6	.	0	.	0		<a href="#">get it</a>
SP-21	2003-10-02	6	.	1	.	0		<a href="#">get it</a>
SP-23	2004-03-23	6	.	2	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	3	.	0		<a href="#">get it</a>

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**TS 32.141 Telecommunication management; Subscription Management (SuM) architecture**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* ABA, Istvan T-Mobile AUSTRIA GmbH  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* 2004-03-29: S5 Project Manager: "services operations management" removed from title. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19	2003-03-27	1	.	0	.	0	SP-030042	<a href="#">get it</a>
SP-21	2003-09-29	2	.	0	.	0	SP-030405	<a href="#">get it</a>
SP-21	2003-10-03	6	.	0	.	0		<a href="#">get it</a>
SP-23	2004-03-23	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 247

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.150 Telecommunication management; Integration Reference Point (IRP) Concept and definitions

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / T2 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* Justification: see SP-020608. Stage 3: see 27.150. 2003-08-28: Title changed from "Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2". 2003-12-03: title changed from "Telecommunication management; Integration Reference Point (IRP): Introduction and definitions".  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S5-35b	2003-10-08	0	.	0	.	1	S5-032639	<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030613	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040113	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-23	6	.	1	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	2	.	0		<a href="#">get it</a>

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## TS 32.151 Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030614	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040114	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-03-30	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 248

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.152 Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030615	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040115	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-03-30	6	.	2	.	0		<a href="#">get it</a>

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**TS 32.171 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* WIKBERG, Ove Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* 2004-03-29: S5 Project Manager: "service operations management" in title changed to "telecommunication management". SP-24: "resources" in title changed to "Network Resource Model (NRM)".

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2003-08-22	0	.	1	.	0		<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030616	<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040238	<a href="#">get it</a>
SP-24	2004-06-15	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 249

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.172 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* WIKBERG, Ove Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* 2004-03-29: S5 Project Manager: "service operations management" in title changed to "telecommunication management". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2003-08-22	0	.	1	.	0		<a href="#">get it</a>
draft	2003-09-30	0	.	2	.	0		<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030617	<a href="#">get it</a>
draft	2004-08-03	1	.	2	.	2	S5-042433r1	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040546, not approved	<a href="#">get it</a>
S5-40	2004-11-26	2	.	2	.	0	S5-042759	<a href="#">get it</a>
S5-40	2004-12-02	2	.	3	.	0	S5-042759r2	<a href="#">get it</a>
S5-40	2004-12-02	2	.	4	.	0	S5-042759r3	<a href="#">get it</a>
S5-40	2004-12-02	2	.	5	.	1	S5-042759r5	<a href="#">get it</a>
SP-26	2004-12-03	2	.	6	.	0	SP-040765 (superseded)	<a href="#">get it</a>
draft		2	.	6	.	1	ephemeral, via exploder list	
draft	2004-12-03	2	.	6	.	2		<a href="#">get it</a>
draft	2004-12-20	2	.	6	.	3		<a href="#">get it</a>
SP-26	2004-12-21	2	.	7	.	0	SP-040830	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-03-30	6	.	1	.	0		<a href="#">get it</a>

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**TS 32.175 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* ABA, Istvan T-Mobile AUSTRIA GmbH  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* *remarks - this release:* SP-26: Expected to be approved SP-27.

*history (event, available, version, comments, hyperlink):*

draft	2004-12-20	0	.	3	.	1	S5-052007	<a href="#">get it</a>
SP-27	2005-02-03	1	.	0	.	0	SP-050025 for approval	<a href="#">get it</a>
SP-27	2005-03-30	6	.	0	.	0	XML schema file not yet available	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 250

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.240 Telecommunication management; Charging management; Charging architecture and principles

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 G: U: yes MCC: ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S5-34		0	.	1	.	0		
draft	2003-10-22	0	.	5	.	0		<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030623	<a href="#">get it</a>
draft	2004-01-26	1	.	1	.	0	S5-044041	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040550	<a href="#">get it</a>
SP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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## TS 32.250 Telecommunication management; Charging management; Circuit Switched (CS) domain charging

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 G: U: yes MCC: ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030624	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040140	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-23	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 251

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
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**TS 32.251 Telecommunication management; Charging management; Packet Switched (PS) domain charging**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* SP-21: WI = charging management for the bearer level

*remarks - this release:* 2003-07-10 (Zoicas): Release was unknown, now confirmed as Rel-6.

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040552	<a href="#">get it</a>
SP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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**TS 32.252 Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	2	.	0		
draft	2004-06-22	0	.	2	.	1	S5-044256 - history box claims odd curious version numbers, not to be believed	<a href="#">get it</a>
S5-40		0	.	3	.	0		
S5-40b	2005-01-20	0	.	4	.	0	history box is still wrong	<a href="#">get it</a>
draft		0	.	5	.	0		
SP-27	2005-03-01	1	.	0	.	0	SP-050028 for info	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 252

31 May 2005 21:13:37

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.260 Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
draft	2003-10-22	0	.	1	.	0		<a href="#">get it</a>
S5-36		0	.	2	.	0		
draft		0	.	3	.	0		
draft	2004-03-03	0	.	4	.	0		<a href="#">get it</a>
SP-23	2004-03-22	1	.	0	.	0	SP-040144	<a href="#">get it</a>
S5-37b		1	.	1	.	0		
S5-38		1	.	2	.	0		
S5-38b	2004-09-23	1	.	3	.	0		<a href="#">get it</a>
S5-39b	2004-11-05	1	.	5	.	0		<a href="#">get it</a>
draft	2004-11-26	1	.	8	.	0		<a href="#">get it</a>
SP-26	2004-11-29	2	.	0	.	0	SP-040777	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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**TS 32.270 Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	.	0	.	0	SP-030412	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040555	<a href="#">get it</a>
SP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 253

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.271 Telecommunication management; Charging management; Location Services (LCS) charging**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* BIBAS, Alain ORANGE SA  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1 . 0 . 0	SP-030411	<a href="#">get it</a>
draft		1 . 1 . 0		
draft		1 . 1 . 1		
draft		1 . 3 . 0		
draft		1 . 4 . 0		
S5-39	2004-09-23	1 . 5 . 0		<a href="#">get it</a>
S5-39b	2004-11-05	1 . 6 . 0		<a href="#">get it</a>
draft	2004-11-26	1 . 8 . 0		<a href="#">get it</a>
SP-26	2004-11-29	2 . 0 . 0	SP-040781	<a href="#">get it</a>
SP-26	2005-01-04	6 . 0 . 0		<a href="#">get it</a>

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**TS 32.272 Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging**

Rel-6 *current version:* 2.0.0 *DRAFT* *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* SP-24: this spec is a straw man for shooting down by OMA; it may never reach maturity.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-05-24	0 . 0 . 2	History claims that this is v0.1.0.	<a href="#">get it</a>
draft		0 . 1 . 0		
S5-39b	2004-11-05	0 . 2 . 0		<a href="#">get it</a>
S5-40		0 . 3 . 0		
S5-40b	2005-01-20	0 . 4 . 0		<a href="#">get it</a>
SP-27	2005-02-08	1 . 0 . 0	SP-050033 for info	<a href="#">get it</a>
SP-28		2 . 0 . 0		

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 254

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.273 Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging**

Rel-6 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* NEAL, Adrian VODAFONE LTD  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* WI to be approved SP-26, code MBMS-CH. Meanwhile, allocate to SuM. SP-26: Correctly allocated to WI "MBMS charging".  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
S5-40b		0	.	1	.	0		
S5-40b	2005-01-20	0	.	1	.	1		<a href="#">get it</a>
SP-27	2005-02-03	1	.	0	.	0	SP-050034 for info	<a href="#">get it</a>
SP-28		2	.	0	.	0		

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**TS 32.295 Telecommunication management; Charging management; Charging Data Record (CDR) transfer**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-20	1	.	0	.	0	SP-040553	<a href="#">get it</a>
SP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 255

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.296 Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* BROWN, Yishai Amdocs Software Systems Limited  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* WID = CH (SP-030047)

*remarks - this release:* Original target for approval = SP-21.

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	2		
S5-35b	2003-10-22	0	.	1	.	0		<a href="#">get it</a>
S5-36		0	.	3	.	0		
draft		0	.	4	.	0		
S5-36b	2004-01-26	0	.	5	.	0	S5-044040	<a href="#">get it</a>
SP-23	2004-03-22	1	.	0	.	0	SP-040141	<a href="#">get it</a>
S5-25	2004-08-30	1	.	8	.	0	S5-044572 Rev S5-044571	<a href="#">get it</a>
SP-25	2004-09-20	1	.	8	.	1	SP-040551	<a href="#">get it</a>
S5-39b	2004-11-05	1	.	10	.	0	S5-044654	<a href="#">get it</a>
draft	2004-11-26	1	.	12	.	0	change history shows version 6.0.0	<a href="#">get it</a>
SP-26	2004-11-29	2	.	0	.	0	SP-040774	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 256

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.297 Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2003-08-18: Title changed from "Telecommunication management; Charging management; Charging interface description to the billing domain". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-17	1 . 0 . 0	SP-030273	<a href="#">get it</a>
draft		1 . 0 . 1		
draft		1 . 1 . 0		
draft		1 . 2 . 0		
S2-36b	2004-01-26	1 . 2 . 1		<a href="#">get it</a>
draft		1 . 3 . 0		
draft	2004-03-03	1 . 4 . 0	S5-044147	<a href="#">get it</a>
draft	2004-03-05	1 . 4 . 1		<a href="#">get it</a>
SP-23	2004-03-22	2 . 0 . 0	SP-040142	<a href="#">get it</a>
SP-23	2004-03-22	6 . 0 . 0		<a href="#">get it</a>

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**TS 32.298 Telecommunication management; Charging management; Charging Data Record (CDR) parameter description**  
Rel-6 *current version:* 2.0.0 *DRAFT* *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1 . 0 . 0	SP-030413	<a href="#">get it</a>
SP-28		2 . 0 . 0		

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 257

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.299 Telecommunication management; Charging management; Diameter charging applications**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2003-08-18: Title changed from "Telecommunication management; Charging management; Charging protocol description". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	1	.	0	
draft	2004-01-26	0	.	2	.	0	<a href="#">get it</a>
SP-23	2004-03-22	1	.	0	.	0	SP-040145 <a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040554 <a href="#">get it</a>
SP-25	2004-09-23	6	.	0	.	0	<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0	<a href="#">get it</a>

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**TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-8 (pars) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26	2005-01-04	6	.	0	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0	<a href="#">get it</a>

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**TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 258

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.302 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0	<a href="#">get it</a>

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**TS 32.303 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
Rel-6 *current version:* Set (SS) 6.3.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
SP-25	2004-09-28	6	.	1	.	0	<a href="#">get it</a>
SP-26	2005-01-04	6	.	2	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	3	.	0	<a href="#">get it</a>

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**TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
SP-27	2005-04-05	6	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 259

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.305 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): eXtensible Markup Language (XML) definition**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

SP-28 1 . 0 . 0 SP-050287

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**TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.112-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0  
SP-26 2005-01-04 6 . 1 . 0

[get it](#)  
[get it](#)

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**TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.112-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0  
SP-26 2005-01-04 6 . 1 . 0

[get it](#)  
[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 260

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.313 Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	1	.	0		<a href="#">get it</a>
SP-26	2004-11-29	1	.	0	.	0	SP-040795	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.314 Telecommunication management; Generic Integration Reference Point (IRP) management; Common Management Information Protocol (CMIP) Solution Set (SS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	1	.	0		
SP-26	2004-11-29	1	.	0	.	0	SP-040796	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 261

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0

[get it](#)

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## TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0

SP-26 2005-01-04 6 . 1 . 0

SP-27 2005-04-01 6 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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## TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 262

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.331 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030638	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040122	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.332 Telecommunication management; Notification Log (NL) (NL) Integration Reference Point (IRP): Information Service (IS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-22	1	.	0	.	0	SP-040123	<a href="#">get it</a>
draft	2004-11-26	1	.	0	.	7		<a href="#">get it</a>
SP-26	2004-11-29	2	.	0	.	0	SP-040798	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.333 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-27	2005-03-21	1	.	0	.	0	SP-050036 for approval	<a href="#">get it</a>
SP-27	2005-04-01	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 263

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.334 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	0	.	2		<a href="#">get it</a>
SP-26	2004-11-29	1	.	0	.	0	SP-040799	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.335 Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions**

Rel-6 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* RAYMER, David Motorola Inc.  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-20	1	.	0	.	0	SP-040564	<a href="#">get it</a>
SP-28		2	.	0	.	0		

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**TS 32.341 Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-17	1	.	0	.	0	SP-030290	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040124	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 264

31 May 2005 21:13:38

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.342 Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rporteur:* RUI, Lanlan Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030637	<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040244	<a href="#">get it</a>
SP-24	2004-06-15	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.343 Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rporteur:* RUI, Lanlan Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-22	1	.	0	.	0	SP-040127	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040563	<a href="#">get it</a>
SP-25	2004-09-28	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 265

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
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**TS 32.344 Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	1	.	0		<a href="#">get it</a>
SP-26	2004-11-29	1	.	0	.	0	SP-040801	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.351 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* WI = OAM-NIM (UID 35014)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030632	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040125	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.352 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* WI = OAM-NIM (UID 35014)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-05	1	.	0	.	0	SP-030633	<a href="#">get it</a>
SP-24	2004-06-15	2	.	0	.	0	SP-040245	<a href="#">get it</a>
SP-24	2004-06-15	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 266

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.353 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-15	1	.	0	.	0	SP-040246	<a href="#">get it</a>
SP-24	2004-06-15	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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**TS 32.354 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
SP-26	2004-11-30	1	.	0	.	0	SP-040803	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.361 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	.	0	.	0	SP-030423	<a href="#">get it</a>
SP-22	2004-01-05	2	.	0	.	0	SP-030634	<a href="#">get it</a>
SP-22	2004-01-05	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 267

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.362 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	.	0	.	0	SP-030424	<a href="#">get it</a>
SP-22	2004-01-05	2	.	0	.	0	SP-030635	<a href="#">get it</a>
SP-22	2004-01-05	6	.	0	.	0		<a href="#">get it</a>
SP-23	2004-03-24	6	.	1	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	2	.	0		<a href="#">get it</a>

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**TS 32.363 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6 *current version:* 6.3.0 *WG (prime / other):* S5 / *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	.	0	.	0	SP-040425	<a href="#">get it</a>
SP-22	2004-01-05	2	.	0	.	0	SP-030636	<a href="#">get it</a>
SP-22	2004-01-05	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	1	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	2	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 268

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.364 Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**  
Rel-6 *current version:* none *WG (prime / other):* S5 / *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 32.371 Telecommunication management; Security Management concept and requirements**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* YANG, Li HuaWei Technologies Co., Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-AR (UID 35011) SP-25: title changed from "Security Management Integration Reference Point (IRP): Requirements". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-01-05	0	.	0	.	1		<a href="#">get it</a>
SP-23	2004-03-22	1	.	0	.	0	SP-040126	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040565	<a href="#">get it</a>
SP-25	2004-09-23	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>

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**TS 32.372 Telecommunication management; Security Management Integration Reference Point (IRP): Information Service (IS)**  
Rel-6 *current version:* none *WG (prime / other):* S5 / *rapporteur:* YANG, Li HuaWei Technologies Co., Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-AR (UID 35011) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 269

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.373 Telecommunication management; Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6 *current version:* none *WG (prime / other):* S5 / *rapporteur:* YANG, Li HuaWei Technologies Co., Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-AR (UID 35011) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 32.374 Telecommunication management; Security Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**  
Rel-6 *current version:* none *WG (prime / other):* S5 / *rapporteur:* YANG, Li HuaWei Technologies Co., Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-AR (UID 35011) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements**  
Rel-6 *current version:* 6.4.1 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.104 (pars) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-10-15	6	.	0	.	0	<a href="#">get it</a>
SP-22	2004-01-05	6	.	1	.	0	<a href="#">get it</a>
SP-24	2004-06-15	6	.	2	.	0	<a href="#">get it</a>
SP-25	2004-09-28	6	.	3	.	0	<a href="#">get it</a>
SP-26	2005-01-04	6	.	4	.	0	<a href="#">get it</a>
edito post SP-26	2005-02-11	6	.	4	.	1	corrects history box <a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 270

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM**  
Rel-6 *current version:* 6.7.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.104 (pars) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-27	6 . 0 . 0	<a href="#">get it</a>
SP-21	2003-10-15	6 . 1 . 0	<a href="#">get it</a>
SP-22	2004-01-05	6 . 2 . 0	<a href="#">get it</a>
SP-23	2004-03-24	6 . 3 . 0	<a href="#">get it</a>
SP-24	2004-06-17	6 . 4 . 0	<a href="#">get it</a>
SP-25	2004-09-29	6 . 5 . 0	<a href="#">get it</a>
SP-26	2005-01-04	6 . 6 . 0	<a href="#">get it</a>
SP-27	2005-04-01	6 . 7 . 0	<a href="#">get it</a>

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**TS 32.411 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements**  
Rel-6 *current version:* 6.3.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-16	1 . 0 . 0	SP-020500	<a href="#">get it</a>
SP-20	2003-06-17	2 . 0 . 0	SP-030294	<a href="#">get it</a>
SP-20	2003-06-18	6 . 0 . 0		<a href="#">get it</a>
SP-21	2003-10-15	6 . 1 . 0		<a href="#">get it</a>
SP-22	2004-01-05	6 . 2 . 0		<a href="#">get it</a>
SP-24	2004-06-15	6 . 3 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 271

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.412 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)**  
Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / - *rapporteur:* RUI, Lanlan Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 One  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-17	1	.	0	.	0	SP-030295	<a href="#">get it</a>
S5-34b	2003-07-29	1	.	1	.	0		<a href="#">get it</a>
S5-35		1	.	2	.	0		
S5-35		1	.	3	.	0		
S5-35b	2003-11-03	1	.	4	.	0	S5-038724	<a href="#">get it</a>
SP-22	2004-01-05	2	.	0	.	0	SP-030650	<a href="#">get it</a>
SP-22	2004-01-05	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-23	6	.	2	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	3	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	4	.	0		<a href="#">get it</a>

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**TS 32.413 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / - *rapporteur:* RUI, Lanlan Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 One  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-22	2	.	0	.	0	SP-040136	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-28	6	.	2	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	3	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 272

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.414 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	1	.	0		<a href="#">get it</a>
SP-26	2004-11-30	1	.	0	.	0	SP-040785	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.421 Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements**

Rel-6 *current version:* 6.6.0 *WG (prime / other):* S5 / - *rapporteur:* KORINEK, Frank MOTOROLA JAPAN LTD  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-17	1	.	0	.	0	SP-020330	<a href="#">get it</a>
SP-18	2003-01-06	2	.	0	.	0	SP-020755	<a href="#">get it</a>
SP-18	2003-01-06	6	.	0	.	0		<a href="#">get it</a>
SP-19	2003-03-31	6	.	1	.	0		<a href="#">get it</a>
SP-22	2004-01-05	6	.	2	.	0		<a href="#">get it</a>
SP-23	2004-03-23	6	.	3	.	0		<a href="#">get it</a>
SP-25	2004-09-24	6	.	4	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	5	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 273

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.422 Telecommunication management; Subscriber and equipment trace; Trace control and configuration management**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-22	1	.	0	.	0	SP-040117	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040543	<a href="#">get it</a>
SP-25	2004-09-24	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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**TS 32.423 Telecommunication management; Subscriber and equipment trace; Trace data definition and management**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-24	1	.	0	.	0	SP-040544	<a href="#">get it</a>
draft	2004-11-26	1	.	3	.	0		<a href="#">get it</a>
SP-26	2004-11-29	2	.	0	.	0	SP-040771	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 274

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.432 Telecommunication management; Performance measurement: File format definition**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* 2005-03-22: Title changed from "Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Information Service (IS)". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-24	1	.	0	.	0	SP-040578	<a href="#">get it</a>
draft	2004-11-26	1	.	3	.	0		<a href="#">get it</a>
SP-26	2004-11-29	2	.	0	.	0	SP-040786	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

---

**TS 32.435 Telecommunication management; Performance measurement: eXtensible Markup Language (XML) file format definition**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-20	1	.	0	.	0	SP-040579	<a href="#">get it</a>
draft		1	.	3	.	0		
SP-26	2004-11-29	2	.	0	.	0	SP-040787	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 275

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.436 Telecommunication management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-20	1	.	0	.	0	SP-040580	<a href="#">get it</a>
draft	2004-11-26	1	.	3	.	0		<a href="#">get it</a>
SP-26	2004-11-29	2	.	0	.	0	SP-040788	<a href="#">get it</a>
sp-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.600 Telecommunication management; Configuration Management (CM); Concept and high-level requirements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106 (pars).

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-23	6	.	0	.	0		<a href="#">get it</a>
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**TS 32.601 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements**

Rel-6 *current version:* 6.1.1 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* was 32.601-1

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-23	6	.	0	.	0		<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>
edito post SP-26	2005-02-11	6	.	1	.	1	corrects history box	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 276

31 May 2005 21:13:39

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.602 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0 [get it](#)  
SP-27 2005-04-01 6 . 1 . 0 [get it](#)

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**TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
Rel-6 *current version:* 6.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0 [get it](#)  
SP-25 2004-09-28 6 . 1 . 0 [get it](#)  
SP-26 2005-01-04 6 . 2 . 0 [get it](#)  
SP-27 2005-04-01 6 . 3 . 0 [get it](#)  
edito post SP-27 2005-04-11 6 . 3 . 1 Changed back TS Title from Bulk (v630) to [get it](#)  
Basic (620)

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**TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0 [get it](#)  
SP-27 2005-04-01 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 277

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements**  
Rel-6 *current version:* 6.1.1 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
SP-25	2004-09-24	6	.	1	.	0	<a href="#">get it</a>
edito post SP-26	2005-01-04	6	.	1	.	1	<a href="#">get it</a>

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**TS 32.612 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0	<a href="#">get it</a>

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**TS 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0	<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 278

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0		<a href="#">get it</a>
edito post	SP-26	2005-01-04	6	.	0	.	1	<a href="#">get it</a>
	SP-27	2005-04-01	6	.	1	.	0	<a href="#">get it</a>

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**TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-29	6	.	0	.	0	XML schema available 2004-11-02	<a href="#">get it</a>
	SP-26	2005-01-04	6	.	1	.	0	<a href="#">get it</a>
	SP-27	2005-04-01	6	.	2	.	0	<a href="#">get it</a>

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**TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-29	6	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 279

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-13	6 . 0 . 0	<a href="#">get it</a>
SP-23	2004-03-24	6 . 1 . 0	<a href="#">get it</a>
SP-24	2004-06-15	6 . 2 . 0	<a href="#">get it</a>
SP-26	2005-01-04	6 . 3 . 0	<a href="#">get it</a>
SP-26	2005-04-01	6 . 3 . 1	Void unused reference [16] <a href="#">get it</a>
SP-27	2005-04-05	6 . 4 . 0	<a href="#">get it</a>

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**TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-6 *current version:* (CORBA) Solution Set (SS) 6.4.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22	2004-01-14	6 . 0 . 0	<a href="#">get it</a>
SP-23	2004-03-24	6 . 1 . 0	<a href="#">get it</a>
SP-24	2004-06-15	6 . 2 . 0	<a href="#">get it</a>
SP-25	2004-09-28	6 . 3 . 0	<a href="#">get it</a>
SP-27	2005-04-01	6 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 280

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.624 Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-6 *current version: (CMIP) Solution Set (SS)* 6.1.0 *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-15 6 . 0 . 0 [get it](#)  
SP-26 2005-01-04 6 . 1 . 0 [get it](#)

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**TS 32.625 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML)**  
Rel-6 *current version: file format definition* 6.4.0 *WG (prime / other):* S5 / *rporteur:* TOCHE, Christian NORTEL  
NETWORKS (EUROPE)

*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22 2004-01-14 6 . 0 . 0 [get it](#)  
SP-23 2004-03-24 6 . 1 . 0 [get it](#)  
SP-24 2004-06-17 6 . 2 . 0 [get it](#)  
SP-26 2005-01-04 6 . 3 . 0 [get it](#)  
SP-27 2005-04-01 6 . 4 . 0 [get it](#)

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**TS 32.631 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 /- *rporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 281

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.632 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-6 *current version:* 6.2.1 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-29	6 . 0 . 0	<a href="#">get it</a>
SP-26	2005-01-04	6 . 1 . 0	<a href="#">get it</a>
SP-27	2005-04-01	6 . 2 . 0	Revisions wrongly implemented. Fixed in <a href="#">get it</a>
		v6.2.1	
SP-27	2005-04-15	6 . 2 . 1	<a href="#">get it</a>

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**TS 32.633 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**  
Rel-6 *current version:* (CORBA) Solution Set (SS) 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder  
T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-28	6 . 0 . 0	<a href="#">get it</a>
SP-26	2005-01-04	6 . 1 . 0	<a href="#">get it</a>
SP-27	2005-04-01	6 . 2 . 0	<a href="#">get it</a>

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**TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-6 *current version:* (CMIP) Solution Set (SS) 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-29	6 . 0 . 0	<a href="#">get it</a>
SP-27	2005-04-01	6 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 282

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.635 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file**  
Rel-6 *current version: format definition* 6.2.0 *WG (prime / other):* S5 /- *rporteur:* TOCHE, Christian  
NORTEL NETWORKS (EUROPE)

*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* RP-15: existence gleaned from S5 report. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-29	6	.	0	.	0	XML schema available 2004-11-02	<a href="#">get it</a>
SP-26	2005-01-04	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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**TS 32.641 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements**  
Rel-6 *current version:* 6.0.1 *WG (prime / other):* S5 /- *rporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	0	.	1	Added in Introduction 32.645 to the TS family overview	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 283

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / - *rporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-26 *G:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6 . 0 . 0		<a href="#">get it</a>
SP-24	2004-06-17	6 . 1 . 0		<a href="#">get it</a>
SP-25	2004-10-26	6 . 2 . 0	CR027 not implementable; hence late delivery.	<a href="#">get it</a>
SP-26	2005-01-04	6 . 3 . 0		<a href="#">get it</a>
SP-27	2005-04-01	6 . 4 . 0		<a href="#">get it</a>

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**TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-6 *current version:* (CORBA) Solution Set (SS) 6.4.0 *WG (prime / other):* S5 / - *rporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G:* U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-24	6 . 0 . 0		<a href="#">get it</a>
SP-24	2004-06-17	6 . 1 . 0		<a href="#">get it</a>
SP-25	2004-09-29	6 . 2 . 0		<a href="#">get it</a>
SP-26	2005-01-04	6 . 3 . 0		<a href="#">get it</a>
SP-27	2005-04-01	6 . 4 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 284

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-6 *current version: (CMIP) Solution Set (SS)* 6.1.0 *WG (prime / other):* S5 */-* *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-4 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)  
SP-27 2005-04-01 6 . 1 . 0 [get it](#)

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**TS 32.645 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-6 *current version: format definition* 6.3.0 *WG (prime / other):* S5 */rporteur:* TOCHE, Christian NORTEL  
NETWORKS (EUROPE)

*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-17 6 . 0 . 0 [get it](#)  
SP-25 2004-09-29 6 . 1 . 0 XML schema available 2004-11-02 [get it](#)  
SP-26 2005-01-04 6 . 2 . 0 [get it](#)  
SP-27 2005-04-01 6 . 3 . 0 [get it](#)

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**TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 */-* *rporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G:* yes *U:* *MCC:* ZOICAS, Adrian

*remarks - general:* was 32.623-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 285

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-6 *current version:* 6.0.1 *WG (prime / other):* S5 / - *rporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-28 6 . 0 . 0 Cover page erroneously shows Release 5. To be corrected post SP-27. [get it](#)

post SP-27 editorial 2005-04-01 6 . 0 . 1 Title corrected (changed Release 5 to Release 6) [get it](#)

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**TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-6 *current version:* (CORBA) Solution Set (SS) 6.0.0 *WG (prime / other):* S5 / - *rporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0 [get it](#)

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**TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol**

Rel-6 *current version:* (CMIP) Solution Set (SS) 6.0.0 *WG (prime / other):* S5 / - *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-28 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 286

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.655 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-6 *current version: format definition* 6.1.0 *WG (prime / other):* S5 */ rapporteur:* TOCHE, Christian NORTEL  
NETWORKS (EUROPE)

*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0 XML schema available 2004-11-02 [get it](#)  
SP-26 2005-01-04 6 . 1 . 0 [get it](#)

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**TS 32.661 Telecommunication management; Configuration Management (CM); Kernel CM; Requirements**  
Rel-6 *current version: 6.2.1* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-04-01 6 . 0 . 0 [get it](#)  
SP-24 2004-06-15 6 . 1 . 0 [get it](#)  
SP-26 2005-01-04 6 . 2 . 0 [get it](#)  
edito post SP-26 2005-02-11 6 . 2 . 1 corrects history box [get it](#)

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**TS 32.662 Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)**  
Rel-6 *current version: 6.3.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-04-01 6 . 0 . 0 [get it](#)  
SP-22 2004-01-13 6 . 1 . 0 [get it](#)  
SP-23 2004-03-24 6 . 2 . 0 [get it](#)  
SP-24 2004-06-15 6 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 287

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19	2003-04-03	6	.	0	.	0	<a href="#">get it</a>
SP-24	2004-06-15	6	.	1	.	0	<a href="#">get it</a>
SP-25	2004-09-28	6	.	2	.	0	<a href="#">get it</a>
SP-26	2005-01-04	6	.	3	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	4	.	0	<a href="#">get it</a>

---

**TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19	2003-04-01	6	.	0	.	0	<a href="#">get it</a>
SP-20	2003-06-27	6	.	1	.	0	<a href="#">get it</a>
SP-25	2004-09-28	6	.	2	.	0	<a href="#">get it</a>

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**TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-23	6	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 288

31 May 2005 21:13:40

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0 [get it](#)  
SP-27 2005-04-01 6 . 1 . 0 [get it](#)

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**TS 32.673 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**

Rel-6 *current version:* **Solution Set (SS)** 6.2.0 *WG (prime / other):* S5 /- *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd

*freeze\_meeting:* SP-26

*G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0 [get it](#)  
SP-25 2004-09-29 6 . 1 . 0 [get it](#)  
SP-27 2005-04-01 6 . 2 . 0 [get it](#)

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**TS 32.674 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**

Rel-6 *current version:* **Solution Set (SS)** 6.1.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-26

*G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23 2004-03-23 6 . 0 . 0 [get it](#)  
SP-26 2005-01-04 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 289

31 May 2005 21:13:41

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.675 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format**  
Rel-6 *current version: definition* 6.0.0 *WG (prime / other):* S5 */ rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	0	.	2		<a href="#">get it</a>
SP-26	2004-11-29	1	.	0	.	0	SP-040814	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.690 Telecommunication management; Inventory Management (IM): Requirements**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	1	.	0		<a href="#">get it</a>
SP-26	2004-11-29	1	.	0	.	0	SP-040815	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.691 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements**  
Rel-6 *current version:* 6.0.1 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-15	6	.	0	.	0	= v5.0.0	<a href="#">get it</a>
edito post SP-26	2005-01-04	6	.	0	.	1		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 290

31 May 2005 21:13:41

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.692 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 32.695 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Bulk Configuration Management (CM) eXtensible Markup Language (XML) file format definition**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 */ rapporteur:* TOVINGER, Thomas Telefon  
AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21 2003-09-29 1 . 0 . 0 SP-030427 [get it](#)  
draft 2004-11-26 1 . 1 . 1 [get it](#)  
SP-26 2004-11-29 2 . 0 . 0 SP-040817 [get it](#)  
SP-26 2005-01-04 6 . 0 . 0 [get it](#)

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**TS 32.711 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21 2003-09-29 1 . 0 . 0 SP-030428 [get it](#)  
SP-25 2004-09-20 2 . 0 . 0 SP-040596 [get it](#)  
SP-25 2004-09-24 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 291

31 May 2005 21:13:41

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.712 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-29	1	.	0	.	0	SP-030429	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040597	<a href="#">get it</a>
SP-25	2004-09-24	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.713 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object**

Rel-6 *current version:* Request Broker Architecture (CORBA) Solution Set (SS) 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder  
T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-20	1	.	0	.	0	SP-040598	<a href="#">get it</a>
SP-25	2004-09-28	6	.	0	.	0		<a href="#">get it</a>

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**TS 32.714 Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common**

Rel-6 *current version:* Management Information Protocol (CMIP) Solution Set (SS) 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2004-11-26	0	.	1	.	0		<a href="#">get it</a>
SP-26	2004-11-29	1	.	0	.	0	SP-040818	<a href="#">get it</a>
SP-26	2005-01-04	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 292

31 May 2005 21:13:41

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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<b>TS 32.715</b>	<b>Telecommunication management; Configuration Management (CM) Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Bulk CM</b>								
Rel-6	<i>current version:</i> eXtensible Markup Language (XML) file format definition	6.1.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	PAL, Tapinder		
T-MOBILE DEUTSCHLAND									
	<i>freeze_meeting:</i> SP-26	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)			<i>remarks - this release:</i>					
<i>history (event, available, version, comments, hyperlink):</i>									
	SP-25	2004-09-20	1 . 0 . 0	SP-040599				<a href="#">get it</a>	
	SP-25	2004-09-28	6 . 0 . 0	XML schema available 2004-11-02				<a href="#">get it</a>	
	SP-27	2005-04-01	6 . 1 . 0					<a href="#">get it</a>	

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<b>TS 32.741</b>	<b>Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point</b>								
Rel-6	<i>current version:</i> (IRP): Requirements	6.0.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	LI, YewenChina Mobile		
Communications Corporation (CMCC)									
	<i>freeze_meeting:</i> SP-26	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>remarks - general:</i>				<i>remarks - this release:</i>					
<i>history (event, available, version, comments, hyperlink):</i>									
	SP-24	2004-06-14	1 . 0 . 0	SP-040262				<a href="#">get it</a>	
	SP-25	2004-09-20	2 . 0 . 0	SP-040600				<a href="#">get it</a>	
	SP-25	2004-09-24	6 . 0 . 0					<a href="#">get it</a>	

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<b>TS 32.742</b>	<b>Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point</b>								
Rel-6	<i>current version:</i> (IRP): Information Service (IS)	6.0.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	RUI, Lanlan	Indicate	
persons who left Company and wait for new									
	<i>freeze_meeting:</i> SP-26	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	One			
<i>remarks - general:</i>				<i>remarks - this release:</i>					
<i>history (event, available, version, comments, hyperlink):</i>									
	SP-24	2004-06-14	1 . 0 . 0	SP-040263				<a href="#">get it</a>	
	SP-25	2004-09-20	2 . 0 . 0	SP-040601				<a href="#">get it</a>	
	SP-25	2004-09-24	6 . 0 . 0					<a href="#">get it</a>	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 293

31 May 2005 21:13:41

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.743** **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point**  
Rel-6 *current version: (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)* 6.0.0 *WG (prime / other):* S5 / - *rporteur:* RUI,  
LanlanIndicate persons who left Company and wait for new

*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian *One*  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-20 1 . 0 . 0 SP-040602 [get it](#)  
SP-25 2004-09-28 6 . 0 . 0 [get it](#)

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**TS 32.744** **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point**  
Rel-6 *current version: (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)* 6.0.0 *WG (prime / other):* S5 / - *rporteur:* RUI,  
LanlanIndicate persons who left Company and wait for new

*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian *One*  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-11-26 0 . 1 . 0 [get it](#)  
SP-26 2004-11-29 1 . 0 . 0 SP-040819 [get it](#)  
SP-26 2005-01-04 6 . 0 . 0 [get it](#)

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**TS 32.745** **Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point**  
Rel-6 *current version: (IRP): Bulk CM eXtensible Markup Language (XML) file format definition* 6.0.0 *WG (prime / other):* S5 / - *rporteur:* RUI,  
LanlanIndicate persons who left Company and wait for new

*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* ZOICAS, Adrian *One*  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-11-26 0 . 3 . 0 [get it](#)  
SP-26 2004-11-29 1 . 0 . 0 SP-040820 [get it](#)  
SP-26 2005-01-04 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 294

31 May 2005 21:13:41

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TR 32.803 Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* ISLIP, John Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-23	2004-03-22	1	.	0	.	0	SP-040109	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040547	<a href="#">get it</a>
SP-25	2004-09-24	6	.	0	.	0		<a href="#">get it</a>

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**TR 32.804 Telecommunication management; Control of Remote Electrical Tilting (RET) antennas; Requirements**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* MUDGE, John VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* WI UID = 35022 (under 23010)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-14	1	.	0	.	0	SP-040264	<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040603	<a href="#">get it</a>
SP-25	2004-09-24	6	.	0	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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**TR 32.815 Telecommunication management; Charging management; Online Charging System (OCS) architecture study**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-26 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-17	1	.	0	.	0	SP-030274	<a href="#">get it</a>
SP-21	2003-09-29	2	.	0	.	0	SP-030409	<a href="#">get it</a>
SP-21	2003-09-30	6	.	0	.	0	SP-21: S5 is asked to eliminate multiple options in §5.1.	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 295

31 May 2005 21:13:41

ACTIVE specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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Rel-6 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.102 3G security; Security architecture**

Rel-6 *current version:* 6.3.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-30	6 . 0 . 0	<a href="#">get it</a>
SP-24	2004-06-15	6 . 1 . 0	<a href="#">get it</a>
SP-25	2004-09-30	6 . 2 . 0	<a href="#">get it</a>
SP-26	2004-12-23	6 . 3 . 0	<a href="#">get it</a>

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**TS 33.105 Cryptographic algorithm requirements**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* CHIKAZAWA, Takeshi Mitsubishi Electric Corporation  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-15	6 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 296

31 May 2005 21:13:41

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.106 Lawful interception requirements

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold  
*G:* *U:* yes *MCC:* CLAYTON, Michael

BUNDESMINISTERIUM FUR WIRTSCHAFT

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-22 2004-01-08 6 . 0 . 0  
SP-24 2004-06-15 6 . 1 . 0

[get it](#)

[get it](#)

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## TS 33.107 3G security; Lawful interception architecture and functions

Rel-6 *current version:* 6.4.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold  
*G:* *U:* yes *MCC:* CLAYTON, Michael

BUNDESMINISTERIUM FUR WIRTSCHAFT

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21 2003-09-30 6 . 0 . 0  
SP-22 2004-01-08 6 . 1 . 0  
SP-24 2004-06-15 6 . 2 . 0  
SP-25 2004-09-27 6 . 3 . 0  
SP-26 2004-12-23 6 . 4 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 297

31 May 2005 21:13:41

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-6 *current version:* 6.8.2 *WG (prime / other):* S3 / *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de) *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	SP-18	2002-12-18	6 . 0 . 0		<a href="#">get it</a>
	SP-19	2003-03-24	6 . 1 . 0		<a href="#">get it</a>
	SP-20	2003-06-18	6 . 2 . 0		<a href="#">get it</a>
	SP-21	2003-09-30	6 . 3 . 0		<a href="#">get it</a>
	SP-22	2004-01-08	6 . 4 . 0		<a href="#">get it</a>
	SP-23	2004-03-22	6 . 5 . 0		<a href="#">get it</a>
	SP-24	2004-06-15	6 . 6 . 0		<a href="#">get it</a>
	SP-25	2004-09-27	6 . 7 . 0		<a href="#">get it</a>
	SP-26	2004-12-23	6 . 8 . 0		<a href="#">get it</a>
edito post	SP-26	2005-01-13	6 . 8 . 1	Wrong capitalization in ASN.1	<a href="#">get it</a>
edito post	SP-26	2005-01-24	6 . 8 . 2	Further ASN.1 corrections	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 298

31 May 2005 21:13:41

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.141 Presence service; Security**

Rel-6 *current version:* 6.1.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* BOMAN, Krister  
*G:* *U:* yes *MCC:* CLAYTON, Michael

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-30	2003-10-13	0	.	1	.	0		<a href="#">get it</a>
draft		0	.	1	.	1	S3-020647	
post S3-31	2003-11-12	0	.	2	.	0		<a href="#">get it</a>
post S3-31	2003-12-04	0	.	3	.	1		<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030719	<a href="#">get it</a>
post S3-23	2004-02-18	1	.	1	.	0		<a href="#">get it</a>
SP-23	2004-03-22	1	.	1	.	1	SP-040163	<a href="#">get it</a>
S3-33	2004-05-24	1	.	2	.	0		<a href="#">get it</a>
edito	2004-05-26	1	.	2	.	1		<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040367	<a href="#">get it</a>
SP-24	2004-06-18	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	1	.	0		<a href="#">get it</a>

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**TS 33.200 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security**

Rel-6 *current version:* 6.1.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian  
*G:* *U:* yes *MCC:* CLAYTON, Michael

QUALCOMM EUROPE S.A.R.L.

*remarks - general:* 2001-05-24: title grows MAP; see 33.210 for IP equivalent.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2004-12-23	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
SP-27	2005-04-01	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 299

31 May 2005 21:13:41

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.201 Access domain security**

Rel-6 *current version:* none

*freeze\_meeting:*

*WG (prime / other):* S3 / *rapporteur:* POPE, Maurice ETSI Secretariat

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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**TS 33.203 3G security; Access security for IP-based services**

Rel-6 *current version:* 6.6.0

*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson

*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-21	2003-09-30	6	.	0	.	0	<a href="#">get it</a>
SP-22	2004-01-08	6	.	1	.	0	<a href="#">get it</a>
SP-23	2004-03-22	6	.	2	.	0	<a href="#">get it</a>
SP-24	2004-06-15	6	.	3	.	0	<a href="#">get it</a>
SP-25	2004-09-27	6	.	4	.	0	<a href="#">get it</a>
SP-26	2004-12-23	6	.	5	.	0	<a href="#">get it</a>
SP-27	2005-04-01	6	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 300

31 May 2005 21:13:41

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.210 3G security; Network Domain Security (NDS); IP network layer security**

Rel-6 *current version:* 6.5.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2002-12-18	6 . 0 . 0	<a href="#">get it</a>
SP-19	2003-03-24	6 . 1 . 0	<a href="#">get it</a>
SP-20	2003-06-18	6 . 2 . 0	<a href="#">get it</a>
SP-21	2003-09-30	6 . 3 . 0	<a href="#">get it</a>
SP-23	2004-03-22	6 . 4 . 0	<a href="#">get it</a>
SP-24	2004-06-15	6 . 5 . 0	<a href="#">get it</a>

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**TS 33.220 Generic Authentication Architecture (GAA); Generic bootstrapping architecture**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S3 / *rapporteur:* HAUKKA, Tao NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* WI = SEC1-SC (UID 33002) Based on 33.109 §4. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-30		0 . 1 . 0	
S3-30	2003-11-03	0 . 1 . 1	<a href="#">get it</a>
S3-31	2003-11-28	0 . 2 . 0	<a href="#">get it</a>
SP-22	2004-01-05	1 . 0 . 0	SP-030583 <a href="#">get it</a>
S3-32		1 . 1 . 0	S3-040189
post S3-32	2004-02-23	1 . 2 . 0	<a href="#">get it</a>
post S3-32	2004-03-03	1 . 2 . 1	<a href="#">get it</a>
SP-23	2004-03-22	2 . 0 . 0	SP-040164 -> SP-040175 <a href="#">get it</a>
SP-23	2004-03-22	6 . 0 . 0	<a href="#">get it</a>
SP-24	2004-06-15	6 . 1 . 0	<a href="#">get it</a>
SP-25	2004-09-27	6 . 2 . 0	<a href="#">get it</a>
SP-26	2004-12-23	6 . 3 . 0	<a href="#">get it</a>
SP-27	2005-04-01	6 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 301

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.221 Generic Authentication Architecture (GAA); Support for subscriber certificates**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S3 / *rapporteur:* HAUKKA, Tao NOKIA Corporation  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* WI = SEC1-SC (UID 33002) Based on 33.109 §5 & annex A.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	S3-30		0	.	1	.	0		
	S3-30	2003-11-03	0	.	1	.	1		<a href="#">get it</a>
	S3-31	2003-11-28	0	.	2	.	0		<a href="#">get it</a>
	SP-22	2004-01-05	1	.	0	.	0	SP-030584	<a href="#">get it</a>
	S3-32		1	.	1	.	0	S3-040190	
post	S3-32	2004-02-23	1	.	2	.	0		<a href="#">get it</a>
post	S3-32	2004-03-03	1	.	2	.	1		<a href="#">get it</a>
	SP-23	2004-03-22	2	.	0	.	0	SP-040165	<a href="#">get it</a>
	SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
	SP-25	2004-09-27	6	.	1	.	0		<a href="#">get it</a>
	SP-26	2004-12-23	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 302

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.222 Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S3 / *rapporteur:* SAHLIN, Bengt Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* WI = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-30		0	.	1	.	0	S3-030646	
draft	2003-11-04	0	.	1	.	1		<a href="#">get it</a>
draft	2004-01-21	0	.	2	.	0		<a href="#">get it</a>
S3-32		1	.	0	.	0		
S3-33	2004-05-24	1	.	1	.	0		<a href="#">get it</a>
edito	2004-05-26	1	.	1	.	1		<a href="#">get it</a>
SP-24	2004-06-14	2	.	0	.	0	SP-040368	<a href="#">get it</a>
SP-24	2004-06-23	6	.	0	.	0		<a href="#">get it</a>
SP-25	2004-09-28	6	.	1	.	0		<a href="#">get it</a>
SP-26	2004-12-23	6	.	2	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 303

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.234 3G security; Wireless Local Area Network (WLAN) interworking security

Rel-6 current version: 6.4.0

freeze\_meeting: SP-26

WG (prime / other): S3 / - rapporteur: LOPEZ SORIA, Luis Telefon AB LM Ericsson

G: U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

S3-25	2002-10-23	0 . 1 . 0		<a href="#">get it</a>
S3-25		0 . 2 . 0		
S3-26		0 . 3 . 0		
S3-27		0 . 4 . 0		
S3-28		0 . 5 . 0		
S3-29	2003-09-26	0 . 6 . 0		<a href="#">get it</a>
S3-30	2003-11-12	0 . 7 . 0		<a href="#">get it</a>
SP-22	2004-01-05	1 . 0 . 0	SP-030585	<a href="#">get it</a>
S3-32	2004-03-01	1 . 0 . 1		<a href="#">get it</a>
SP-23	2004-03-22	2 . 0 . 0	SP-040167	<a href="#">get it</a>
SP-23	2004-03-22	6 . 0 . 0		<a href="#">get it</a>
SP-24	2004-06-15	6 . 1 . 0		<a href="#">get it</a>
SP-25	2004-09-27	6 . 2 . 0	Sans CR015, which is in conflict with CR017.	<a href="#">get it</a>
SP-25	2004-09-29	6 . 2 . 1	Implements CR015 after resolution with S3.	<a href="#">get it</a>
SP-26	2004-12-23	6 . 3 . 0		<a href="#">get it</a>
SP-27	2005-04-01	6 . 4 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 304

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.246 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)

Rel-6 current version: 6.2.0  
freeze\_meeting: SP-26

WG (prime / other): S3 / - rapporteur: ESCOTT, Adrian QUALCOMM EUROPE S.A.R.L.  
G: yes U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release: SP-22: target for v2.0.0 is SP-23, but this will be challenging.

history (event, available, version, comments, hyperlink):

S3-25	2002-10-23	0 . 0 . 1		<a href="#">get it</a>
S3-25		0 . 0 . 2		
S3-26		0 . 0 . 3		
S3-27		0 . 1 . 0		
draft	2003-07-08	0 . 1 . 1		<a href="#">get it</a>
S3-29	2003-09-02	0 . 2 . 0		<a href="#">get it</a>
draft		0 . 2 . 1		
S3-30		0 . 2 . 2		
S3-31	2003-11-24	0 . 2 . 3		<a href="#">get it</a>
S3-31	2003-11-24	0 . 3 . 0		<a href="#">get it</a>
S3-31	2003-12-05	0 . 3 . 1		<a href="#">get it</a>
SP-22	2004-01-05	1 . 0 . 0	SP-030586	<a href="#">get it</a>
SP-22	2004-03-04	1 . 1 . 0	ex S3-31	<a href="#">get it</a>
S3-32	2004-04-27	1 . 1 . 1		<a href="#">get it</a>
S3-33	2004-05-25	1 . 2 . 0		<a href="#">get it</a>
SP-24	2004-06-14	1 . 2 . 1	SP-040366	<a href="#">get it</a>
S3-34	2004-07-23	1 . 3 . 0	S3-040678	<a href="#">get it</a>
S3-34	2004-09-03	1 . 3 . 1		<a href="#">get it</a>
SP-25	2004-09-20	2 . 0 . 0	SP-040624	<a href="#">get it</a>
SP-25	2004-09-27	6 . 0 . 0		<a href="#">get it</a>
SP-26	2004-12-23	6 . 1 . 0		<a href="#">get it</a>
SP-27	2005-04-01	6 . 2 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 305

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.310 Network domain security; Authentication framework (NDS/AF)**

Rel-6 *current version:* 6.2.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* KOSKINEN, Tiina NOKIA Corporation  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
draft		0	.	1	.	0		
draft		0	.	2	.	0		
draft		0	.	3	.	0		
draft		0	.	4	.	0		
draft		0	.	5	.	0		
S3-30	2003-11-03	0	.	6	.	0		<a href="#">get it</a>
S3-31	2003-11-28	0	.	7	.	0		<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030587	<a href="#">get it</a>
SP-23	2004-03-22	1	.	1	.	0	SP-040168	<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040168	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-24	2004-06-15	6	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-27	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 306

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.810 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2002-07-22: was formerly 33.910. *remarks - this release:* SP-17: expect v2.0.0 at SP-18.

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0			
draft		0	.	0	.	1			
SP-17		1	.	0	.	0	SP-020507 (wronly labeled 33.910)		
edito post	SP-17	2002-09-18	1	.	0	.	1	corrects spec number on front cover	<a href="#">get it</a>
	S3-25		1	.	1	.	0		
	SP-18	2003-01-16	2	.	0	.	0	SP-020723	<a href="#">get it</a>
	SP-18	2002-12-18	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 307

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.817 Feasibility study on (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / - *rapporteur:* YAQUB, Raziq Toshiba Corporation, Digital Media Network Company  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that TR is to be internal, so number changed from 33.917. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
draft		0	.	0	.	2		
draft		0	.	4	.	0		
draft		0	.	5	.	0		
draft		0	.	6	.	0		
draft		0	.	7	.	0		
S3-30		0	.	7	.	1		
draft		0	.	7	.	2		
draft		0	.	7	.	3		
S3-31		0	.	7	.	4		
S3-31		0	.	7	.	5		
SP-22	2004-01-05	1	.	0	.	0	SP-030588	<a href="#">get it</a>
S3-32	2004-02-02	1	.	1	.	0		<a href="#">get it</a>
draft		1	.	1	.	1		
draft	2004-03-04	1	.	1	.	2		<a href="#">get it</a>
SP-23	2004-03-22	2	.	0	.	0	SP-040169	<a href="#">get it</a>
SP-23	2004-03-22	6	.	0	.	0		<a href="#">get it</a>
SP-26	2004-12-23	6	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 308

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.919 Generic Authentication Architecture (GAA); System description**

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S3 / *rapporteur:* VAN MOFFAERT, Annelies ALCATEL BELL  
*freeze\_meeting:* SP-26

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* WI = SEC1-SC (UID 33002)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-30	2003-10-20	0	.	0	.	1		<a href="#">get it</a>
S3-30	2003-11-03	0	.	1	.	0		<a href="#">get it</a>
S3-31	2003-11-27	0	.	2	.	0		<a href="#">get it</a>
SP-22	2004-01-05	1	.	0	.	0	SP-030582	<a href="#">get it</a>
S3-32		1	.	0	.	1		
S3-32	2004-02-20	1	.	2	.	0		<a href="#">get it</a>
SP-24	2004-05-04	1	.	2	.	1	SP-040365 (ex S3-33) aka v2.0.0	<a href="#">get it</a>
S3-34	2004-09-20	1	.	3	.	0		<a href="#">get it</a>
SP-25	2004-09-20	2	.	0	.	0	SP-040625, based on v1.3.0	<a href="#">get it</a>
draft	2004-07-27	2	.	1	.	0	unofficial rapporteur's draft, withdrawn	<a href="#">get it</a>
SP-25	2004-09-27	6	.	0	.	0		<a href="#">get it</a>
SP-26	2004-12-23	6	.	1	.	0		<a href="#">get it</a>
SP-27	2005-04-01	6	.	2	.	0		<a href="#">get it</a>

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**TR 33.941 Presence service; Security**

Rel-6 *current version:* 0.6.0 DRAFT *WG (prime / other):* S3 / - *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-24		0	.	1	.	0	S3-020340	
S3-25		0	.	2	.	0	S3-020507, S3-020508	
S3-26		0	.	3	.	0	S3-020621, S3-020622	
S3-27		0	.	4	.	0	S3-030022, S3-030070, S3-030068	
S3-28	2003-07-08	0	.	5	.	0	S3-030246, S3-030248	<a href="#">get it</a>
S3-29	2003-10-13	0	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 309

31 May 2005 21:13:42

ACTIVE specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33.978 Security aspects of early IMS

Rel-6 *current version:* 6.0.1 *WG (prime / other):* S3 / - *rapporteur:* HOWARD, Peter VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-26: created from 33.878. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-37	2005-03-21	1	.	1	.	0	Conversion from 33.878	<a href="#">get it</a>
SP-27	2005-03-21	2	.	0	.	0	SP-050136 for approval	<a href="#">get it</a>
SP-27	2005-04-01	6	.	0	.	0	2005-04-18: found to be based on v1.0.0 by mistake. DO NOT USE.	<a href="#">get it</a>
SP-27	2005-04-20	6	.	0	.	1	Corrected version based on v2.0.0	<a href="#">get it</a>

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Rel-6 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-6 *current version:* none *WG (prime / other):* R5 / - *rapporteur:* CHALABI, Nouhman ANRITSU LTD  
*freeze\_meeting:* *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 310

31 May 2005 21:13:42

ACTIVE specs Rel-6 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. *remarks - this release:*  
TSG#9: Stable, so txfered from T1 to R2.

*history (event, available, version, comments, hyperlink):*

RP-26 2004-12-23 6 . 0 . 0

[get it](#)

---

## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R5 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation  
*freeze\_meeting:* TP-27 *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-27 2005-04-01 6 . 0 . 0

[get it](#)

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## TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

Rel-6 *current version:* none *WG (prime / other):* R5 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 311

31 May 2005 21:13:42

ACTIVE specs Rel-6 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification**

Rel-6      *current version:* none      *WG (prime / other):* R5 / -      *rapporteur:* SULTAN, Alain      SOURCE COM  
*freeze\_meeting:*      G:      U: yes      *MCC:*      BAEV, Stoyan  
*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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**TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification**

Rel-6      *current version:* none      *WG (prime / other):* R5 / -      *rapporteur:* HU, Shicheng      ETSI Secretariat  
*freeze\_meeting:*      G:      U: yes      *MCC:*      BAEV, Stoyan  
*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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**TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)**

Rel-6      *current version:* none      *WG (prime / other):* R5 / -      *rapporteur:* HU, Shicheng      ETSI Secretariat  
*freeze\_meeting:*      G:      U: yes      *MCC:*      BAEV, Stoyan  
*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 312

31 May 2005 21:13:43

ACTIVE specs Rel-6 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* T1->R4@TSG#10 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

RP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 34.131 Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API)**

Rel-6 *current version:* 6.0.1 *WG (prime / other):* C6 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* Base spec is 31.131.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

T3-13 0 . 1 . 0  
TP-17 2002-09-24 0 . 1 . 1 TP-020223 [get it](#)  
TP-17 2002-09-19 1 . 0 . 0 [get it](#)  
TP-19 2003-03-24 2 . 0 . 0 TP-030032 [get it](#)  
TP-19 2003-03-26 6 . 0 . 0 [get it](#)  
edito post TP-26 2005-01-31 6 . 0 . 1 history box correction [get it](#)

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**TS 34.171 Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* R5 / *rapporteur:* CATMUR, Richard Spirent Communications  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Initial intention: for info TP-26, approval TP-28.

*history (event, available, version, comments, hyperlink):*

TP-26 2004-12-03 1 . 0 . 0 TP-040240 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 313

31 May 2005 21:13:43

ACTIVE specs Rel-6 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests**  
Rel-6 *current version:* none *WG (prime / other):* R5 / *rapporteur:* ROSE, Ian Racad Instruments Wireless Solutions Limited  
*freeze\_meeting:* TP-26 *G:* yes *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* TP-21: Title changed from "Measurement uncertainty". Completion date: end *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.  
2004.CP-27: change of WG as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

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**TR 34.926 Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B Research in Motion UK Limited  
*freeze\_meeting:* RP-26 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10 *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

RP-26 2005-01-05 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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Rel-6 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 314

31 May 2005 21:13:43

ACTIVE specs Rel-6 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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## TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 315

31 May 2005 21:13:43

ACTIVE specs Rel-6 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.205 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-6 *current version: 1: General* 6.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE. 2002-06: clarified that deliverable is TS not TR. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 35.206 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-6 *current version: 2: Algorithm specification* 6.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 35.207 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-6 *current version: 3: Implementors' test data* 6.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 316

31 May 2005 21:13:43

ACTIVE specs Rel-6 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-6 *current version: 4: Design conformance test data* 6.0.0 WG (prime / other): S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-6 *current version: 5: Summary and results of design and evaluation* 6.0.0WG (prime / other): S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-26 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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Rel-6 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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# 3GPP specification status

Page 317

31 May 2005 21:13:43

ACTIVE specs Rel-6 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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**TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TR 41.033 Lawful Interception requirements for GSM**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-26 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-26 *G:* yes *U:* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 [get it](#)  
SP-27 2005-03-22 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 318

31 May 2005 21:13:43

ACTIVE specs Rel-6 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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Rel-6 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.033 Lawful Interception; Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-04 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* Was 22.043 at Rel99.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2004-12-23 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 319

31 May 2005 21:13:43

ACTIVE specs Rel-6 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.068 Voice Group Call Service (VGCS); Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-27 6 . 0 . 0

[get it](#)

---

**TS 42.069 Voice Broadcast Service (VBS); Stage 1**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-27 6 . 0 . 0

[get it](#)

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Rel-6 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.005 Technical performance objectives**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* NP-26

*WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 320

31 May 2005 21:13:43

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

## TS 43.013 Discontinuous Reception (DRX) in the GSM system

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0 [get it](#)

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## TS 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* TP-26 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* For test spec, see 51.013.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 321

31 May 2005 21:13:43

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.020 Security-related network functions

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / NP / *rapporteur:* GILBERT, Henri France Telecom  
GP FTR&D/DTL/SSR  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-27 6 . 0 . 0 many invalid references [get it](#)  
SP-26 2004-12-23 6 . 1 . 0 [get it](#)

---

## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

Rel-6 *current version:* 6.3.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Moved from SMG3 Jan 2000.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-12 2003-01-03 6 . 0 . 0 [get it](#)  
GP-22 2004-12-02 6 . 1 . 0 [get it](#)  
GP-23 2005-02-11 6 . 2 . 0 [get it](#)  
GP-24 2005-04-22 6 . 3 . 0 [get it](#)

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## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 322

31 May 2005 21:13:43

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TR 43.030 Radio network planning aspects

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0

[get it](#)

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## TS 43.033 3G security; Lawful Interception; Stage 2

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-10 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 43.045 Technical Realization of Facsimile Group 3 Service - transparent

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* NP-26

*WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 323

31 May 2005 21:13:43

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.050 Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* Originally created as 03.51r00 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-17 2003-12-05 6 . 0 . 0 [get it](#)

---

**TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis ALCATEL S.A.  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*  
GP-23 2005-02-11 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 324

31 May 2005 21:13:43

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-6 *current version:* 6.9.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-13	2003-02-21	6 . 0 . 0	<a href="#">get it</a>
GP-14	2003-04-25	6 . 1 . 0	<a href="#">get it</a>
GP-16	2003-09-12	6 . 2 . 0	<a href="#">get it</a>
GP-17	2003-12-05	6 . 3 . 0	<a href="#">get it</a>
GP-18	2004-02-20	6 . 4 . 0	<a href="#">get it</a>
GP-20	2004-07-09	6 . 5 . 0	<a href="#">get it</a>
GP-21	2004-09-20	6 . 6 . 0	<a href="#">get it</a>
GP-22	2004-12-02	6 . 7 . 0	<a href="#">get it</a>
GP-23	2005-02-11	6 . 8 . 0	<a href="#">get it</a>
GP-24	2005-04-22	6 . 9 . 0	<a href="#">get it</a>

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## TR 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26	2005-01-06	6 . 0 . 0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 325

31 May 2005 21:13:43

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN**

Rel-6 *current version:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-14	2003-04-25	6	.	0	.	0	<a href="#">get it</a>
GP-15	2003-07-11	6	.	1	.	0	<a href="#">get it</a>
GP-17	2003-12-05	6	.	2	.	0	<a href="#">get it</a>
GP-19	2004-05-06	6	.	3	.	0	<a href="#">get it</a>
GP-22	2004-12-02	6	.	4	.	0	<a href="#">get it</a>

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**TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2**

Rel-6 *current version:* 6.6.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-15	2003-07-11	6	.	0	.	0	<a href="#">get it</a>
GP-16	2003-09-12	6	.	1	.	0	<a href="#">get it</a>
GP-19	2004-05-06	6	.	2	.	0	<a href="#">get it</a>
GP-20	2004-07-09	6	.	3	.	0	<a href="#">get it</a>
GP-21	2004-09-20	6	.	4	.	0	<a href="#">get it</a>
GP-22	2004-12-02	6	.	5	.	0	<a href="#">get it</a>
GP-24	2005-04-22	6	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 326

31 May 2005 21:13:44

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.068 Voice Group Call Service (VGCS); Stage 2**  
Rel-6 *current version:* 6.4.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-21	2003-10-08	6	.	0	.	0	<a href="#">get it</a>
NP-24	2004-06-21	6	.	1	.	0	<a href="#">get it</a>
NP-25	2004-09-27	6	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	3	.	0	<a href="#">get it</a>
NP-27	2005-03-21	6	.	4	.	0	<a href="#">get it</a>

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**TS 43.069 Voice Broadcast service (VBS); Stage 2**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-25	2004-09-27	6	.	0	.	0	<a href="#">get it</a>
NP-26	2005-01-07	6	.	1	.	0	<a href="#">get it</a>
NP-27	2005-03-21	6	.	2	.	0	<a href="#">get it</a>

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**TS 43.073 Support of Localised Service Area (SoLSA); Stage 2**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service. CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 327

31 May 2005 21:13:44

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.129 Packed-switched handover for GERAN A/Gb mode; Stage 2**

Rel-6 *current version:* 6.2.0

*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* HEDBY, Gunnar

Telefon AB LM Ericsson

G: yes U: *MCC:* USAI, Paolino

*remarks - general:* WI UID = 51136. 2005-02-04: G2->G1.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-17		0	.	1	.	0			
GP-18		0	.	2	.	0	GP-040349		
G2-18b	2004-03-22	0	.	3	.	0	G2-040260	<a href="#">get it</a>	
G2-19	2004-04-16	0	.	4	.	0		<a href="#">get it</a>	
G2-19b	2004-06-14	0	.	5	.	0		<a href="#">get it</a>	
GP-20	2004-07-07	0	.	6	.	0		<a href="#">get it</a>	
G2-21	2004-09-20	0	.	7	.	0		<a href="#">get it</a>	
GP-22 ex G2-21b	2004-10-21	0	.	8	.	0	GP-042551	<a href="#">get it</a>	
GP-22	2004-12-02	6	.	0	.	0		<a href="#">get it</a>	
GP-23	2005-02-11	6	.	1	.	0		<a href="#">get it</a>	
GP-24	2005-04-22	6	.	2	.	0		<a href="#">get it</a>	

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**TS 43.130 Iur-g interface; Stage 2**

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc

Jose Luis

G: yes U: *MCC:* USAI, Paolino

*remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23	2005-02-11	6	.	0	.	0		<a href="#">get it</a>	
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 328

31 May 2005 21:13:44

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.246 Multimedia Broadcast/Multicast Service (MBMS) in the GERAN; Stage 2

Rel-6 *current version:* 6.3.0 *WG (prime / other):* G1 / *rapporteur:* PROVVEDI, Leonardo ROKE MANOR RESEARCH LTD  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes to existing GERAN protocol specs. 2004-11-08: G2->G1 *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

GP-13		0	.	1	.	0	GP-030181	
GP-13b		0	.	2	.	0	G2-030227	
GP-14	2003-05-02	0	.	2	.	1	GP-030726	Formal TS number allocated <a href="#">get it</a>
							on upload	
draft	2003-06-17	0	.	4	.	1		<a href="#">get it</a>
GP-15		0	.	5	.	0	GP-031108	
draft	2003-07-21	0	.	6	.	0	GP-031881	<a href="#">get it</a>
G2-16b		0	.	7	.	0	G2-030475	
GP-17		0	.	8	.	0	GP-032510	
G2-17b		0	.	9	.	0	G2-040118	
GP-18		0	.	10	.	0	GP-040185	
G2-18b		0	.	10	.	1	G2-040201	
GP-19		0	.	11	.	0	GP-040704	
GP-19		0	.	12	.	0	GP-041151	
G2-19b		0	.	13	.	0	G2-040364	
GP-20	2004-07-23	0	.	14	.	0	GP-041361	<a href="#">get it</a>
GP-21	2004-08-31	0	.	15	.	0	GP-042241	<a href="#">get it</a>
GP-21	2004-09-20	6	.	0	.	0		<a href="#">get it</a>
GP-22	2004-12-02	6	.	1	.	0		<a href="#">get it</a>
GP-23	2005-02-11	6	.	2	.	0		<a href="#">get it</a>
GP-24	2005-04-22	6	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 329

31 May 2005 21:13:44

ACTIVE specs Rel-6 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.318 Generic access to the A/Gb interface; Stage 2

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* VIKBERG, Jari Telefon AB LM Ericsson  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Stage 1 is the common GERAN stage 1: no new requirements, just different access architecture. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0 Approved, but apparently for Rel-6 despite it being a Rel-7 WI. (See Rel-7 record for development history.) [get it](#)

GP-24 2005-04-22 6 . 1 . 0 [get it](#)

---

## TR 43.901 Feasibility Study on generic access to A/Gb interface

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-21 2004-09-20 2 . 1 . 0 GP-042290 [get it](#)  
GP-21 2004-09-22 6 . 0 . 0 (This is the Real Thing, not to be confused with an invalid pirate version seen at SP-25.) [get it](#)

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Rel-6 44 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 330

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-26 Skov

*G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

## TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-15 2003-07-10 6 . 0 . 0 [get it](#)  
GP-22 2004-11-29 6 . 1 . 0 [get it](#)

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## TS 44.004 Layer 1 - General Requirements

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* GP-23 *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-17 2003-12-05 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 331

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.005 Data Link (DL) Layer General Aspects**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-18 2004-02-23 6 . 0 . 0

[get it](#)

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**TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-18 2004-02-23 6 . 0 . 0

[get it](#)

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**TS 44.012 Short Message Service Cell Broadcast (SMSCB) support on the mobile radio interface**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G2 / N2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 332

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* NP-26

*WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD

*G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze

[get it](#)

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## TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-6 *current version:* 6.2.0

*freeze\_meeting:* GP-23

*WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-16 2003-09-12 6 . 0 . 0

GP-20 2004-07-23 6 . 1 . 0

GP-24 2005-04-21 6 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 333

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-6 *current version:* 6.12.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-23 G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-12	2002-12-17	6 . 0 . 0		<a href="#">get it</a>
GP-13	2003-02-21	6 . 1 . 0		<a href="#">get it</a>
GP-14	2003-04-28	6 . 2 . 0		<a href="#">get it</a>
GP-15	2003-07-10	6 . 3 . 0		<a href="#">get it</a>
GP-16	2003-09-12	6 . 4 . 0	problem with ToC	<a href="#">get it</a>
Fix ToC	2003-09-26	6 . 4 . 1		<a href="#">get it</a>
GP-17	2003-12-05	6 . 5 . 0		<a href="#">get it</a>
GP-18	2004-02-23	6 . 6 . 0		<a href="#">get it</a>
GP-19	2004-05-06	6 . 7 . 0		<a href="#">get it</a>
GP-20	2004-07-23	6 . 8 . 0		<a href="#">get it</a>
GP-21	2004-09-04	6 . 9 . 0		<a href="#">get it</a>
GP-22	2004-11-29	6 . 10 . 0		<a href="#">get it</a>
edto post	GP-22	2005-01-13	6 . 10 . 1	fixes wrong styles <a href="#">get it</a>
GP-23	2005-02-11	6 . 11 . 0		<a href="#">get it</a>
GP-24	2005-04-24	6 . 12 . 0		<a href="#">get it</a>

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## TS 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-26 G: yes U: *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6 . 0 . 0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 334

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)**  
Rel-6 *current version:* 6.7.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-15	2003-07-10	6 . 0 . 0	<a href="#">get it</a>
GP-16	2003-09-12	6 . 1 . 0	<a href="#">get it</a>
GP-18	2004-02-23	6 . 2 . 0	<a href="#">get it</a>
GP-19	2004-05-06	6 . 3 . 0	<a href="#">get it</a>
GP-20	2004-07-23	6 . 4 . 0	<a href="#">get it</a>
GP-21	2004-09-04	6 . 5 . 0	<a href="#">get it</a>
GP-22	2004-11-29	6 . 6 . 0	<a href="#">get it</a>
GP-23	2005-02-11	6 . 7 . 0	<a href="#">get it</a>

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**TS 44.035 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23	2005-02-14	6 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 335

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 336

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol**

Rel-6 *current version:* 6.12.0 *WG (prime / other):* G2 / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	GP-12	2002-12-17	6 . 0 . 0	<a href="#">get it</a>
	GP-13	2003-02-21	6 . 1 . 0	<a href="#">get it</a>
	GP-14	2003-04-29	6 . 2 . 0	<a href="#">get it</a>
	GP-15	2003-07-10	6 . 3 . 0	<a href="#">get it</a>
	GP-16	2003-09-13	6 . 4 . 0	<a href="#">get it</a>
	GP-17	2003-12-05	6 . 5 . 0	<a href="#">get it</a>
	GP-18	2004-02-23	6 . 6 . 0	<a href="#">get it</a>
	GP-19	2004-05-06	6 . 7 . 0	<a href="#">get it</a>
	GP-20	2004-07-23	6 . 8 . 0	<a href="#">get it</a>
	GP-21	2004-09-04	6 . 9 . 0	<a href="#">get it</a>
	GP-22	2004-11-29	6 . 10 . 0	<a href="#">get it</a>
	GP-23	2005-02-11	6 . 11 . 0	<a href="#">get it</a>
edito post	GP-23	2005-02-22	6 . 11 . 1	<a href="#">get it</a>
	GP-24	2005-04-24	6 . 12 . 0	<a href="#">get it</a>

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**TS 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification**

Rel-6 *current version:* 6.0.1 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	NP-26	2005-01-07	6 . 0 . 0	<a href="#">get it</a>
edit post	NP-26	2005-01-11	6 . 0 . 1	fixes Word problem <a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 337

31 May 2005 21:13:44

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**  
Rel-6 *current version:* 6.3.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.CP-27: change of WG *remarks - this release:*  
as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

NP-20	2003-07-03	6	.	0	.	0	<a href="#">get it</a>
NP-21	2003-10-10	6	.	1	.	0	<a href="#">get it</a>
NP-22	2004-01-08	6	.	2	.	0	<a href="#">get it</a>
NP-25	2004-09-27	6	.	3	.	0	<a href="#">get it</a>

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**TS 44.068 Group Call Control (GCC) Protocol**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-22	2004-01-08	6	.	0	.	0	<a href="#">get it</a>
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**TS 44.069 Broadcast Call Control (BCC) protocol**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6	.	0	.	0	Upgrade on Rel-6 freeze <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 338

31 May 2005 21:13:45

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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**TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode**

Rel-6 *current version:* 6.4.1 *WG (prime / other):* G2 / *rapporteur:* VIRTEJ, Iuliana NOKIA Corporation  
*freeze\_meeting:* GP-23  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-17 2003-12-05 6 . 0 . 0 [get it](#)  
GP-18 2004-02-23 6 . 1 . 0 [get it](#)  
GP-19 2004-05-06 6 . 2 . 0 [get it](#)  
GP-20 2004-07-23 6 . 3 . 0 [get it](#)  
GP-20 2005-04-29 6 . 3 . 1 corrects history box [get it](#)  
GP-24 2005-04-21 6 . 4 . 0 [get it](#)  
GP-24 2005-04-29 6 . 4 . 1 corrects history box [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 339

31 May 2005 21:13:45

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.160 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode**  
Rel-6 *current version:* 6.5.0 *WG (prime / other):* G2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* GP-23  
G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* Created GP-08; see GP-020483. 2002-07-18: G1->G2. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-15	2003-07-10	6 . 0 . 0	<a href="#">get it</a>
GP-16	2003-09-13	6 . 1 . 0	<a href="#">get it</a>
GP-17	2003-12-05	6 . 2 . 0	<a href="#">get it</a>
GP-18	2004-02-23	6 . 3 . 0	<a href="#">get it</a>
GP-19	2004-05-06	6 . 4 . 0	<a href="#">get it</a>
GP-20	2004-07-23	6 . 5 . 0	<a href="#">get it</a>

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**TS 44.318 Generic Access (GA) to the A/Gb interface; Mobile GA interface layer 3 specification**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* VIKBERG, Jari Telefon AB LM Ericsson  
*freeze\_meeting:* GP-24 G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* Stage 2 is 43.318. *remarks - this release:* GP-23: Was originally Rel-7 but stage 2 approved as Rel-6 so this changed too.

*history (event, available, version, comments, hyperlink):*

GP-24		0 . 4 . 0	GP-050889	
GP-24		0 . 5 . 0	GP-051002	
GP-24		2 . 0 . 0	GP-051137	
GP-24	2005-04-29	6 . 0 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 340

31 May 2005 21:13:45

ACTIVE specs Rel-6 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TR 44.901 External Network Assisted Cell Change (NACC)**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* BACKLUND, Ingemar Telefon AB LM Ericsson  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* 2003-07-03 (JMM): WI UID 23011?. See also 25.901. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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**TR 44.933 Seamless support of streaming services in GERAN A/Gb mode**

Rel-6 *current version:* 1.3.0 DRAFT *WG (prime / other):* G2 / - *rapporteur:* GESSNER, Christina SIEMENS AG  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* Work item = SSSStrea. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-12 0 . 1 . 0  
G2-12b 0 . 2 . 0  
GP-13 0 . 3 . 0  
GP-14 0 . 4 . 0 GP-030654  
G2-14b 2003-05-07 0 . 5 . 0 (TR number not shown on doc) [get it](#)  
draft 2003-06-17 0 . 6 . 0 [get it](#)  
GP-15 2003-07-15 1 . 1 . 0 [get it](#)  
GP-16 2003-09-10 1 . 2 . 0 [get it](#)  
Update of section 2003-09-12 1 . 3 . 0 [get it](#)  
6.5.3

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Rel-6 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 341

31 May 2005 21:13:45

ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.001 Physical layer on the radio path; General description**

Rel-6 *current version:* 6.6.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-12	2003-01-03	6 . 0 . 0	<a href="#">get it</a>
GP-14	2003-04-25	6 . 1 . 0	<a href="#">get it</a>
GP-17	2003-12-05	6 . 2 . 0	<a href="#">get it</a>
GP-18	2004-02-20	6 . 3 . 0	<a href="#">get it</a>
GP-20	2004-07-09	6 . 4 . 0	<a href="#">get it</a>
GP-22	2004-12-02	6 . 5 . 0	<a href="#">get it</a>
GP-24	2005-04-22	6 . 6 . 0	<a href="#">get it</a>

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**TS 45.002 Multiplexing and multiple access on the radio path**

Rel-6 *current version:* 6.9.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-13	2003-02-21	6 . 0 . 0	<a href="#">get it</a>
GP-14	2003-04-25	6 . 1 . 0	<a href="#">get it</a>
GP-15	2003-07-11	6 . 2 . 0	<a href="#">get it</a>
GP-16	2003-09-12	6 . 3 . 0	<a href="#">get it</a>
GP-17	2003-12-05	6 . 4 . 0	<a href="#">get it</a>
GP-18	2004-02-20	6 . 5 . 0	<a href="#">get it</a>
GP-19	2004-05-06	6 . 6 . 0	<a href="#">get it</a>
GP-22	2004-12-02	6 . 7 . 0	<a href="#">get it</a>
GP-23	2005-02-11	6 . 8 . 0	<a href="#">get it</a>
GP-24	2005-04-22	6 . 9 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 342

31 May 2005 21:13:45

ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.003 Channel coding

Rel-6 *current version:* 6.7.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-16	2003-09-12	6	.	0	.	0	<a href="#">get it</a>
GP-17	2003-12-05	6	.	1	.	0	<a href="#">get it</a>
GP-18	2004-02-20	6	.	2	.	0	<a href="#">get it</a>
GP-19	2004-05-06	6	.	3	.	0	<a href="#">get it</a>
GP-20	2004-07-09	6	.	4	.	0	<a href="#">get it</a>
GP-21	2004-09-22	6	.	5	.	0	<a href="#">get it</a>
GP-22	2004-12-02	6	.	6	.	0	<a href="#">get it</a>
GP-23	2005-02-11	6	.	7	.	0	<a href="#">get it</a>

---

## TS 45.004 Modulation

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23	2005-02-11	6	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 343

31 May 2005 21:13:45

ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.005 Radio transmission and reception**

Rel-6 *current version:* 6.9.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-12	2003-01-03	6 . 0 . 0	<a href="#">get it</a>
GP-13	2003-02-21	6 . 1 . 0	<a href="#">get it</a>
GP-14	2003-04-25	6 . 2 . 0	<a href="#">get it</a>
GP-16	2003-09-12	6 . 3 . 0	<a href="#">get it</a>
GP-18	2004-02-20	6 . 4 . 0	<a href="#">get it</a>
GP-19	2004-05-06	6 . 5 . 0	<a href="#">get it</a>
GP-20	2004-07-09	6 . 6 . 0	<a href="#">get it</a>
GP-22	2004-12-02	6 . 7 . 0	<a href="#">get it</a>
GP-23	2005-02-11	6 . 8 . 0	<a href="#">get it</a>
GP-24	2005-04-22	6 . 9 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 344

31 May 2005 21:13:45

ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.008 Radio subsystem link control**

Rel-6 *current version:* 6.12.0

*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-12	2003-01-03	6 . 0 . 0	<a href="#">get it</a>
GP-13	2003-02-21	6 . 1 . 0	<a href="#">get it</a>
GP-14	2003-04-25	6 . 2 . 0	<a href="#">get it</a>
GP-15	2003-07-11	6 . 3 . 0	<a href="#">get it</a>
GP-16	2003-09-12	6 . 4 . 0	<a href="#">get it</a>
GP-17	2003-12-05	6 . 5 . 0	<a href="#">get it</a>
GP-18	2004-02-20	6 . 6 . 0	<a href="#">get it</a>
GP-19	2004-05-06	6 . 7 . 0	<a href="#">get it</a>
GP-20	2004-07-09	6 . 8 . 0	<a href="#">get it</a>
GP-21	2004-09-22	6 . 9 . 0	<a href="#">get it</a>
GP-22	2004-12-02	6 . 10 . 0	<a href="#">get it</a>
GP-23	2005-02-11	6 . 11 . 0	<a href="#">get it</a>
GP-24	2005-04-22	6 . 12 . 0	<a href="#">get it</a>

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**TS 45.009 Link adaptation**

Rel-6 *current version:* 6.1.0

*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov  
USAI, Paolino

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-17	2003-12-05	6 . 0 . 0	<a href="#">get it</a>
GP-18	2004-02-20	6 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 345

31 May 2005 21:13:45

ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.010 Radio subsystem synchronization

Rel-6 *current version:* 6.5.0

*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-14 2003-04-25 6 . 0 . 0

[get it](#)

GP-15 2003-07-11 6 . 1 . 0

[get it](#)

GP-16 2003-09-12 6 . 2 . 0

[get it](#)

GP-22 2004-12-02 6 . 3 . 0

[get it](#)

GP-23 2005-02-11 6 . 4 . 0

[get it](#)

GP-24 2005-04-22 6 . 5 . 0

[get it](#)

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## TS 45.022 Radio link management in hierarchical networks

Rel-6 *current version:* 6.0.0

*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han

T-Mobile International AG

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* 2005-03: Document type changed from TR to TS, since this doc obviously contains requirements, and Rel-4 / Rel-5 documents already showed themselves to be TSs (despite doc type in database!).

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 346

31 May 2005 21:13:45

ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TR 45.050 Background for RF Requirements**

Rel-6 *current version:* 6.2.1  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-12	2003-01-03	6	.	0	.	0		<a href="#">get it</a>
GP-22	2004-12-02	6	.	1	.	0		<a href="#">get it</a>
GP-23	2005-02-11	6	.	2	.	0		<a href="#">get it</a>
GP-23	2005-03-21	6	.	2	.	1	Make fig 7 in annex G visible	<a href="#">get it</a>

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**TS 45.056 CTS-FP Radio Sub-system**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23	2005-02-11	6	.	0	.	0		<a href="#">get it</a>
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**TR 45.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Renumbered from 41.811.

*remarks - this release:* Renumbered from 41.811.

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	6	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 347

31 May 2005 21:13:45

ACTIVE specs Rel-6 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TR 45.902 Flexible Layer One (FLO)**

Rel-6 *current version:* 6.8.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0 . 0 . 0		
GP-12	2002-11-26	0 . 3 . 0	GP-023427	<a href="#">get it</a>
GP-13	2003-02-13	0 . 4 . 0	GP 030193	<a href="#">get it</a>
GP-13	2003-02-13	1 . 0 . 0		<a href="#">get it</a>
GP-14	2003-04-25	6 . 0 . 0		<a href="#">get it</a>
GP-15	2003-07-11	6 . 1 . 0		<a href="#">get it</a>
GP-16	2003-09-12	6 . 2 . 0		<a href="#">get it</a>
GP-17	2003-12-05	6 . 3 . 0		<a href="#">get it</a>
GP-18	2004-02-20	6 . 4 . 0		<a href="#">get it</a>
GP-19	2004-05-06	6 . 5 . 0		<a href="#">get it</a>
GP-20	2004-07-09	6 . 6 . 0		<a href="#">get it</a>
GP-22	2004-12-02	6 . 7 . 0		<a href="#">get it</a>
GP-23	2005-02-11	6 . 8 . 0		<a href="#">get it</a>

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**TR 45.903 Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks**

Rel-6 *current version:* 6.0.1  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* GRANT, Marc  
*G: yes U:* *MCC:* USAI, Paolino

Cingular Wireless LLC

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-21	2004-08-31	0 . 0 . 0	GP-041932 (bears no version number, but is evidently not the first draft)	<a href="#">get it</a>
GP-21	2004-09-20	2 . 0 . 0	GP-042261	<a href="#">get it</a>
GP-21	2004-09-28	6 . 0 . 0		<a href="#">get it</a>
GP-22	2004-12-02	6 . 0 . 1		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 348

31 May 2005 21:13:45

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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Rel-6 **46** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.001 Full rate speech; Processing functions**

Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.002 Half rate speech; Half rate speech processing functions**

Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve MOTOROLA Ltd  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 46.006 Half-rate speech: ANSI-C code for GSM half-rate speech codec**

Rel-6 current version: 6.0.0  
freeze\_meeting: SP-26

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve MOTOROLA Ltd  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release: Rel-6 record created on freezing the Release, December 2004.

history (event, available, version, comments, hyperlink):

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 349

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.007 Half rate speech; Test sequences for the GSM half rate speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 46.008 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.010 Full-rate speech; Transcoding**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 350

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.011 Full rate speech; Substitution and muting of lost frames for full rate speech channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.012 Full rate speech; Comfort noise aspect for full rate speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 46.020 Half rate speech; Half rate speech transcoding**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 351

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 46.022 Half rate speech; Comfort noise aspects for the half rate speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.031 Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 352

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.032 Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.041 Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.042 Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 353

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.051 Enhanced Full Rate (EFR) speech processing functions; General description**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

---

**TS 46.053 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.054 Test sequences for the GSM Enhanced Full Rate (EFR) speech codec**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 354

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TR 46.055 Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TS 46.060 Enhanced Full Rate (EFR) speech transcoding**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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**TS 46.061 Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 355

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
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**TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TR 46.076 Adaptive Multi-Rate (AMR) speech codec; Study phase report**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TS 46.081 Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 356

31 May 2005 21:13:46

ACTIVE specs Rel-6 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.082 Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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**TR 46.085 Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

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Rel-6 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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# 3GPP specification status

Page 357

31 May 2005 21:13:46

ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.001 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

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**TS 48.002 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0

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**TS 48.004 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 358

31 May 2005 21:13:46

ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-20 2004-07-23 6 . 0 . 0 [get it](#)

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**TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-6 *current version:* 6.9.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-12 2002-12-17 6 . 0 . 0 [get it](#)  
GP-13 2003-02-21 6 . 1 . 0 [get it](#)  
GP-15 2003-07-10 6 . 2 . 0 [get it](#)  
GP-16 2003-09-12 6 . 3 . 0 [get it](#)  
GP-17 2003-12-05 6 . 4 . 0 [get it](#)  
GP-19 2004-05-06 6 . 5 . 0 [get it](#)  
GP-20 2004-07-23 6 . 6 . 0 [get it](#)  
GP-22 2004-11-29 6 . 7 . 0 [get it](#)  
GP-23 2005-02-11 6 . 8 . 0 [get it](#)  
GP-24 2005-04-24 6 . 9 . 0 [get it](#)

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# 3GPP specification status

Page 359

31 May 2005 21:13:46

ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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**TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**

Rel-6 *current version:* 6.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-21 2004-09-04 6 . 0 . 0 [get it](#)  
GP-22 2004-11-29 6 . 1 . 0 [get it](#)  
GP-23 2005-02-11 6 . 2 . 0 [get it](#)  
GP-24 2005-04-24 6 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 360

31 May 2005 21:13:46

ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.018 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**

Rel-6 *current version:* 6.8.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-13	2003-02-21	6 . 0 . 0	<a href="#">get it</a>
GP-14	2003-04-29	6 . 1 . 0	<a href="#">get it</a>
GP-15	2003-07-10	6 . 2 . 0	<a href="#">get it</a>
GP-17	2003-12-05	6 . 3 . 0	<a href="#">get it</a>
GP-18	2004-02-23	6 . 4 . 0	<a href="#">get it</a>
GP-19	2004-05-06	6 . 5 . 0	<a href="#">get it</a>
GP-22	2004-11-29	6 . 6 . 0	<a href="#">get it</a>
GP-23	2005-02-11	6 . 7 . 0	<a href="#">get it</a>
GP-24	2005-04-24	6 . 8 . 0	<a href="#">get it</a>

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**TS 48.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-26 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-07	6 . 0 . 0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
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# 3GPP specification status

Page 361

31 May 2005 21:13:46

ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.031 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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**TS 48.051 Base Station Controller - Base Transceiver Station (BSC-BTS) interface; General aspects**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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**TS 48.052 Base Station Controller - Base Transceiver Station (BSC-BTS) interface; Interface principles**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-23 2005-02-14 6 . 0 . 0 [get it](#)

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# 3GPP specification status

Page 362

31 May 2005 21:13:46

ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

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## TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-14 6 . 0 . 0

[get it](#)

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## TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-16 2003-09-12 6 . 0 . 0

GP-23 2005-02-11 6 . 1 . 0

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# 3GPP specification status

Page 363

31 May 2005 21:13:46

ACTIVE specs Rel-6 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.  
> G1.

*history (event, available, version, comments, hyperlink):*  
GP-23 2005-02-11 6 . 0 . 0 [get it](#)

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**TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:* Rel-6 record created on freezing the Release, December 2004.  
> G1.

*history (event, available, version, comments, hyperlink):*  
GP-23 2005-02-11 6 . 0 . 0 [get it](#)

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# 3GPP specification status

Page 364

31 May 2005 21:13:46

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Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification**

Rel-6 *current version:* 6.7.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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GP-15	2003-07-10	6	.	1	.	0	<a href="#">get it</a>
GP-16	2003-09-12	6	.	2	.	0	<a href="#">get it</a>
GP-17	2003-12-05	6	.	3	.	0	<a href="#">get it</a>
GP-18	2004-02-23	6	.	4	.	0	<a href="#">get it</a>
GP-19	2004-05-06	6	.	5	.	0	<a href="#">get it</a>
GP-20	2004-07-23	6	.	6	.	0	<a href="#">get it</a>
GP-22	2004-11-29	6	.	7	.	0	<a href="#">get it</a>

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Rel-6 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.001 General network interworking scenarios**

Rel-6 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-26 G: yes U: MCC: KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26	2005-01-03	6	.	0	.	0	Upgrade on Rel-6 freeze	<a href="#">get it</a>
edito post NP-26	2005-01-11	6	.	0	.	1	Change cover page: TS -> TR	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 365

31 May 2005 21:13:46

ACTIVE specs Rel-6 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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## TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-6 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* NP-26

*G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

NP-26 2005-01-07 6 . 0 . 0 Upgrade on Rel-6 freeze [get it](#)

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## TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-6 *current version:* 6.4.0 *WG (prime / other):* G2 / - *rporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-15 2003-07-10 6 . 0 . 0 [get it](#)  
GP-17 2003-12-05 6 . 1 . 0 [get it](#)  
GP-18 2004-02-23 6 . 2 . 0 [get it](#)  
GP-19 2004-05-06 6 . 3 . 0 [get it](#)  
GP-22 2004-11-29 6 . 4 . 0 [get it](#)

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## TR 49.995 General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-24

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-22 6 . 0 . 0 derived from 09,95 v7.3.0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 366

31 May 2005 21:13:47

ACTIVE specs Rel-6 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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Rel-6 **50** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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**TR 50.099 GERAN project plan and open issues**

Rel-6 *current version:* 0.44.0 DRAFT *WG (prime / other):* GP / - *rapporteur:* GRANT, Marc Cingular Wireless LLC  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. *remarks - this release:* 2003-01-14: Rel-5 frozen, so migrated to Rel-6.  
Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.

*history (event, available, version, comments, hyperlink):*

draft	2002-03-20	0 . 1 . 6	ex-Rel-5.	<a href="#">get it</a>
GP-19		0 . 3 . 8	GP-041052	
GP-19		0 . 3 . 9	GP-041221	
GP-20		0 . 4 . 0	GP-01740	
GP-21		0 . 4 . 1		
GP-22	2004-11-30	0 . 4 . 6	GP-042836	<a href="#">get it</a>
GP-23		0 . 43 . 0	GP-050558 - drafts no longer stored in Specs directory due to confusion over version numbering; see TSG tdoc.	
GP-24		0 . 44 . 0	GP 051175	

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Rel-6 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 367

31 May 2005 21:13:47

ACTIVE specs Rel-6 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-6 *current version:* 6.2.1 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-23 NP /

T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

GP-22	2004-11-29	6	.	0	.	0		<a href="#">get it</a>
GP-22	2004-12-02	6	.	0	.	1	corrects error in headers	<a href="#">get it</a>
GP-23	2005-02-17	6	.	1	.	0		<a href="#">get it</a>
GP-24	2005-04-25	6	.	2	.	0	One component file missing. Oops.	<a href="#">get it</a>
post GP-24	2005-04-28	6	.	2	.	1	Replaces missing chunk. correction	<a href="#">get it</a>

---

## TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-6 *current version:* 6.2.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-23 NP /

T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

GP-22	2004-11-29	6	.	0	.	0		<a href="#">get it</a>
GP-23	2005-02-17	6	.	1	.	0		<a href="#">get it</a>
GP-24	2005-04-25	6	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 368

31 May 2005 21:13:47

ACTIVE specs Rel-6 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-23 NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-22	2004-11-29	6 . 0 . 0	<a href="#">get it</a>
GP-23	2005-02-21	6 . 1 . 0	<a href="#">get it</a>
GP-24	2005-04-25	6 . 2 . 0	<a href="#">get it</a>

---

## TS 51.010-5 Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* G3new/ T1 *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-23 G: yes U: MCC: BAEV, Stoyan

*remarks - general:* Should number really be 31.010-5?

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-22	2005-01-19	6 . 0 . 0	<a href="#">get it</a>
GP-23	2005-02-21	6 . 1 . 0	<a href="#">get it</a>
GP-24	2005-04-25	6 . 2 . 0	<a href="#">get it</a>

---

## TS 51.021 Base Station System (BSS) equipment specification; Radio aspects

Rel-6 *current version:* 6.2.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting:* GP-23 G: yes U: MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-13	2003-02-21	6 . 0 . 0	<a href="#">get it</a>
GP-15	2003-07-11	6 . 1 . 0	<a href="#">get it</a>
GP-21	2004-09-22	6 . 2 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 369

31 May 2005 21:13:47

ACTIVE specs Rel-6 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.026 GSM Repeater Equipment Specification

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* GP-23

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0

[get it](#)

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Rel-6 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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## TS 52.008 Telecommunication management; GSM subscriber and equipment trace

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-26

*WG (prime / other):* S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation  
*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2003-07-15 0 . 1 . 2  
SP-25 2004-09-20 1 . 0 . 0 SP-040545  
S5-40 1 . 2 . 0 S5-042738  
S5-40 2004-11-26 1 . 2 . 1  
SP-26 2004-11-29 2 . 0 . 0 SP-040772  
SP-26 2005-01-04 6 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 370

31 May 2005 21:13:47

ACTIVE specs Rel-6 52 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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## TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-23 G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Rel-6 record created on freezing the Release, December 2004.

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0

[get it](#)

---

## TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-26 G: yes U: *MCC:* ZOICAS, Adrian

*remarks - general:* SP-13: replaces 32.402.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-25 2004-09-29 6 . 0 . 0

[get it](#)

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Rel-6

55 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 371

31 May 2005 21:13:47

ACTIVE specs Rel-6 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.205 Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* Not subject to export control. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S3-26		0	.	1	.	0		S3-020675	
SP-18	2003-01-16	1	.	0	.	0		SP-020724	<a href="#">get it</a>
SP-18	2002-12-18	6	.	0	.	0			<a href="#">get it</a>
SP-22	2004-01-08	6	.	1	.	0			<a href="#">get it</a>

---

**TS 55.216 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification**  
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-07-22	1	.	0	.	0		SP-020506 pars for approval	<a href="#">get it</a>
SP-17	2002-09-18	6	.	0	.	0			<a href="#">get it</a>
SP-18	2002-12-18	6	.	1	.	0			<a href="#">get it</a>
SP-21	2003-09-30	6	.	2	.	0			<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 372

31 May 2005 21:13:47

ACTIVE specs Rel-6 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.217 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / *rporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-07-22 1 . 0 . 0 SP-020506 pars for approval [get it](#)  
SP-17 2002-09-18 6 . 0 . 0 [get it](#)  
SP-18 2002-12-18 6 . 1 . 0 [get it](#)

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**TS 55.218 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / *rporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-07-22 1 . 0 . 0 SP-020506 pars for approval [get it](#)  
SP-17 2002-09-18 6 . 0 . 0 [get it](#)  
SP-18 2002-12-18 6 . 1 . 0 [get it](#)

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**TR 55.919 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**  
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / *rporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-07-22 1 . 0 . 0 SP-020506 pars for approval [get it](#)  
SP-17 2002-09-18 6 . 0 . 0 [get it](#)  
SP-18 2002-12-18 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

## Rel-5

Rel-5 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system**Rel-5 *current version:* 5.9.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-20 *G:* *U:* yes *MCC:* POPE, Maurice*remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications". *remarks - this release:**history (event, available, version, comments, hyperlink):*

SP-20	2003-06-25	5 . 4 . 0	Created from 21.103 v5.4.0	<a href="#">get it</a>
SP-22	2004-01-15	5 . 5 . 0		<a href="#">get it</a>
SP-23	2004-04-02	5 . 6 . 0		<a href="#">get it</a>
SP-24	2004-06-24	5 . 7 . 0		<a href="#">get it</a>
SP-26	2005-01-04	5 . 8 . 0		<a href="#">get it</a>
SP-27	2005-03-22	5 . 9 . 0		<a href="#">get it</a>

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**TS 21.111 USIM and IC card requirements**Rel-5 *current version:* 5.1.0 *WG (prime / other):* C6 / - *rapporteur:* KALINER, Stefan T-Mobile International AG  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* LENHART, Gabriele*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:**history (event, available, version, comments, hyperlink):*

TP-16	2002-06-19	5 . 0 . 0		<a href="#">get it</a>
TP-17	2002-09-18	5 . 1 . 0		<a href="#">get it</a>

# 3GPP specification status

Page 374

31 May 2005 21:13:47

ACTIVE specs Rel-5 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TR 21.801 Specification drafting rules**

Rel-5 *current version:* 5.1.0

*freeze\_meeting:* SP-15

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

edito 2002-07-19 5 . 0 . 1 [get it](#)

edito 2003-05-15 5 . 0 . 2 [get it](#)

SP-23 2004-04-02 5 . 1 . 0 [get it](#)

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**TR 21.900 Technical Specification Group working methods**

Rel-5 *current version:* 5.1.0

*freeze\_meeting:* SP-15

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* SP-22: Fron now on, is null document pointing to equivalent in latest Release.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

edito post SP-17 2002-09-18 5 . 0 . 1 corrects Release id on cover page [get it](#)

SP-22 2004-01-14 5 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 375

31 May 2005 21:13:47

ACTIVE specs Rel-5 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 *current version:* 5.9.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* 2004-06: This spec is also applicable to GERAN systems from Rel-4 *remarks - this release:*  
onwards, at least, so include it in that set.

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-27	5	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	5	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-10	5	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-25	5	.	3	.	0	<a href="#">get it</a>
SP-16	2002-07-04	5	.	4	.	0	<a href="#">get it</a>
SP-17	2002-09-16	5	.	5	.	0	<a href="#">get it</a>
SP-19	2003-03-25	5	.	6	.	0	<a href="#">get it</a>
SP-20	2003-06-18	5	.	7	.	0	<a href="#">get it</a>
SP-21	2003-09-30	5	.	8	.	0	<a href="#">get it</a>
SP-27	2005-03-24	5	.	9	.	0	<a href="#">get it</a>

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Rel-5 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 376

31 May 2005 21:13:47

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-04 5 . 0 . 0

[get it](#)

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**TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)**  
Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14 2002-01-10 5 . 0 . 0

SP-15 2002-03-25 5 . 1 . 0

SP-16 2002-07-04 5 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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**TS 22.004 General on supplementary services**  
Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

SP-24 2004-06-14 5 . 1 . 0

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 377

31 May 2005 21:13:47

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.011 Service accessibility**  
Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* SP-16  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0  
SP-17 2002-09-17 5 . 1 . 0

[get it](#)  
[get it](#)

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**TS 22.016 International Mobile Equipment Identities (IMEI)**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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**TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-17  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S3 / - *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-18 5 . 0 . 0 identical to 4.1.0.

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 378

31 May 2005 21:13:47

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.024 Description of Charge Advice Information (CAI)**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4,CR at TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0 [get it](#)

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**TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0 [get it](#)

---

**TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-18 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & *remarks - this release:* Created from 42.031 Rel-5.  
Rel-5 -> 22.031.

*history (event, available, version, comments, hyperlink):*

SP-18 2003-01-06 5 . 0 . 0 Technically identical to 43.031 v5.0.0. [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 379

31 May 2005 21:13:47

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.032 Immediate Service Termination (IST); Service description; Stage 1**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-16  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

---

**TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-16  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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**TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1**  
Rel-5 *current version:* 5.4.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-15  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09 2000-10-18 5 . 0 . 0

[get it](#)

SP-10 2001-01-08 5 . 1 . 0

[get it](#)

SP-12 2001-06-27 5 . 2 . 0

[get it](#)

SP-20 2003-06-18 5 . 3 . 0

[get it](#)

SP-22 2004-01-06 5 . 4 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 380

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.041 Operator Determined Call Barring

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0 [get it](#)

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## TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0 [get it](#)  
SP-20 2003-06-18 5 . 1 . 0 [get it](#)

---

## TS 22.048 Security mechanisms for the (U)SIM application toolkit; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C6 / S3 *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* TP-20 *G: yes U: yes* *MCC:* LENHART, Gabriele  
*remarks - general:* TP-12: was previously 42.048.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-20 2003-06-23 5 . 0 . 0 technically identical to v4.0.0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 381

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William

G: yes U: yes *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

*remarks - general:* Transfer>TSG#4.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

**TS 22.057 Mobile Execution Environment (MExE) service description; Stage 1**

Rel-5 *current version:* 5.4.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael

G: yes U: yes *MCC:* CLAYTON, Michael

EMCOM Ltd

*remarks - general:* Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1".

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09 2000-10-18 5 . 0 . 0

SP-11 2001-04-02 5 . 1 . 0

SP-13 2001-10-05 5 . 2 . 0

SP-15 2002-03-25 5 . 3 . 0

edito post SP-15 2002-04-04 5 . 3 . 1

SP-16 2002-07-04 5 . 4 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 382

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-13	2001-10-05	5	.	0	.	0	<a href="#">get it</a>
SP-15	2002-03-25	5	.	1	.	0	<a href="#">get it</a>
SP-16	2002-07-04	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-03-25	5	.	3	.	0	<a href="#">get it</a>

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**TS 22.066 Support of Mobile Number Portability (MNP); Stage 1**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
SP-20	2003-06-18	5	.	1	.	0	<a href="#">get it</a>

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**TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 383

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
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## TS 22.071 Location Services (LCS); Stage 1

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-14	2002-01-10	5	.	0	.	0	<a href="#">get it</a>
	SP-15	2002-03-25	5	.	1	.	0	<a href="#">get it</a>
edito post	SP-15	2002-04-04	5	.	1	.	1	<a href="#">get it</a>
	SP-21	2003-09-30	5	.	2	.	0	<a href="#">get it</a>
	SP-22	2004-01-06	5	.	3	.	0	<a href="#">get it</a>
	SP-23	2004-03-23	5	.	4	.	0	<a href="#">get it</a>

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## TS 22.072 Call Deflection (CD); Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
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## TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-16	2002-06-28	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 384

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1**

Rel-5 *current version:* 5.15.0

*WG (prime / other):* S1 / -

*rapporteur:* GRECH, Michel

Lucent Technologies Network Systems UK

*freeze\_meeting:* SP-15

*G:* yes *U:* yes

*MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-11-09	5	.	0	.	0	unclear how to implement CR	<a href="#">get it</a>
SP-10	2001-01-08	5	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-02	5	.	2	.	0		<a href="#">get it</a>
SP-12	2001-06-27	5	.	3	.	0		<a href="#">get it</a>
SP-13	2001-10-05	5	.	4	.	0		<a href="#">get it</a>
SP-14	2002-01-10	5	.	5	.	0		<a href="#">get it</a>
SP-15	2002-03-25	5	.	6	.	0		<a href="#">get it</a>
SP-16	2002-07-04	5	.	7	.	0		<a href="#">get it</a>
SP-17	2002-09-17	5	.	8	.	0		<a href="#">get it</a>
SP-18	2002-12-18	5	.	9	.	0		<a href="#">get it</a>
edito (fix missing headers/footers)	2003-01-07	5	.	9	.	1		<a href="#">get it</a>
SP-19	2003-03-25	5	.	10	.	0		<a href="#">get it</a>
SP-21	2003-09-30	5	.	11	.	0		<a href="#">get it</a>
SP-22	2004-01-06	5	.	12	.	0		<a href="#">get it</a>
SP-23	2004-03-23	5	.	13	.	0		<a href="#">get it</a>
SP-24	2004-06-14	5	.	14	.	0		<a href="#">get it</a>
SP-27	2005-03-24	5	.	15	.	0		<a href="#">get it</a>

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**TS 22.079 Support of optimal routeing; Stage 1**

Rel-5 *current version:* 5.0.0

*WG (prime / other):* S1 / -

*rapporteur:* CLAYTON, Michael

EMCOM Ltd

*freeze\_meeting:* SP-16

*G:* yes *U:* yes

*MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-19	5	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 385

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.081 Line Identification supplementary services; Stage 1**  
Rel-5 *current version:* 5.0.0 *freeze\_meeting:* SP-16  
*WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-07-19 5 . 0 . 0 [get it](#)

---

**TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1**  
Rel-5 *current version:* 5.0.0 *freeze\_meeting:* SP-16  
*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-07-19 5 . 0 . 0 [get it](#)

---

**TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1**  
Rel-5 *current version:* 5.0.0 *freeze\_meeting:* SP-16  
*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-07-19 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 386

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.084 MultiParty (MPty) supplementary service; Stage 1

Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## TS 22.085 Closed User Group (CUG) supplementary services; Stage 1

Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1

Rel-5 current version: 5.0.0  
freeze\_meeting: SP-16  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 387

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.087 User-to-user signalling (UUS); Stage 1

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-16

*WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG

*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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## TS 22.088 Call Barring (CB) supplementary services; Stage 1

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-16

*WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG

*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

---

## TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-16

*WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation

*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 388

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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**TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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**TS 22.094 Follow Me service description - Stage 1**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 389

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.096 Name identification supplementary services; Stage 1**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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**TS 22.097 Multiple Subscriber Profile (MSP) Phase 2; Service description; Stage 1**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4. 2005-03-22: "Phase 1" changed to "Phase 2" following CR *remarks - this release:*  
at SP-05 (!).

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 390

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.101 Service aspects; Service principles**

Rel-5 *current version:* 5.13.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-18	5 . 0 . 0	<a href="#">get it</a>
SP-10	2001-01-08	5 . 1 . 0	<a href="#">get it</a>
SP-11	2001-04-02	5 . 2 . 0	<a href="#">get it</a>
SP-12	2001-06-27	5 . 3 . 0	<a href="#">get it</a>
SP-13	2001-10-05	5 . 4 . 0	<a href="#">get it</a>
SP-15	2002-03-25	5 . 5 . 0	<a href="#">get it</a>
SP-16	2002-07-04	5 . 6 . 0	<a href="#">get it</a>
SP-17	2002-09-17	5 . 7 . 0	<a href="#">get it</a>
SP-18	2002-12-18	5 . 8 . 0	<a href="#">get it</a>
SP-19	2003-03-25	5 . 9 . 0	<a href="#">get it</a>
SP-20	2003-06-18	5 . 10 . 0	<a href="#">get it</a>
SP-21	2003-09-30	5 . 11 . 0	<a href="#">get it</a>
SP-22	2004-01-06	5 . 12 . 0	<a href="#">get it</a>
SP-23	2004-03-23	5 . 13 . 0	<a href="#">get it</a>

---

**TS 22.105 Services and service capabilities**

Rel-5 *current version:* 5.2.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-13	2001-10-05	5 . 0 . 0	<a href="#">get it</a>
SP-15	2002-03-25	5 . 1 . 0	<a href="#">get it</a>
SP-16	2002-07-04	5 . 2 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 391

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.112 USIM toolkit interpreter; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C6 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* TP-15 *G:* yes *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-13 2001-10-12 5 . 0 . 0 [get it](#)

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## TS 22.115 Service aspects; Charging and billing

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 5 . 0 . 0 [get it](#)  
SP-12 2001-06-27 5 . 1 . 0 [get it](#)  
SP-15 2002-03-28 5 . 2 . 0 [get it](#)  
SP-20 2003-06-18 5 . 3 . 0 [get it](#)  
SP-22 2004-01-06 5 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 392

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
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## TR 22.121 Service aspects; The Virtual Home Environment (VHE); Stage 1

Rel-5 *current version:* 5.3.1 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR. *remarks - this release:* SP-26: do not upgrade to Rel-6

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-02	5	.	0	.	0	<a href="#">get it</a>
SP-12	2001-06-27	5	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-10	5	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-28	5	.	3	.	0	<a href="#">get it</a>
SP-16	2002-07-19	5	.	3	.	1	Converted from TS to TR. <a href="#">get it</a>

---

## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-15 *G: U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-27	5	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	5	.	1	.	0	<a href="#">get it</a>
edito	2001-10-09	5	.	1	.	1	<a href="#">get it</a>
SP-14	2002-01-10	5	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-29	5	.	3	.	0	<a href="#">get it</a>
SP-16	2002-07-04	5	.	4	.	0	<a href="#">get it</a>
SP-18	2002-12-18	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 393

31 May 2005 21:13:48

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE SA  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-13	2001-10-05	5	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-10	5	.	1	.	0	<a href="#">get it</a>
SP-16	2002-07-04	5	.	2	.	0	<a href="#">get it</a>

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**TS 22.135 Multicall; Service description; Stage 1**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-16 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
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**TS 22.140 Multimedia Messaging Service (MMS); Stage 1**

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S1 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* (development in T2) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-10	5	.	0	.	0	<a href="#">get it</a>
SP-15	2002-03-28	5	.	1	.	0	<a href="#">get it</a>
SP-16	2002-07-04	5	.	2	.	0	<a href="#">get it</a>
SP-17	2002-09-17	5	.	3	.	0	<a href="#">get it</a>
SP-18	2002-12-20	5	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 394

31 May 2005 21:13:49

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.226 Global text telephony (GTT); Stage 1: Service description

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: to "GERAN" set. *remarks - this release:* WI approved TSG#7

### *history (event, available, version, comments, hyperlink):*

SP-09	2000-11-27	1	.	0	.	0		<a href="#">get it</a>
SP-12	2001-06-27	2	.	0	.	0	SP-010266	<a href="#">get it</a>
SP-12	2001-06-27	5	.	0	.	0		<a href="#">get it</a>
SP-13	2001-10-05	5	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-28	5	.	2	.	0		<a href="#">get it</a>

---

## TS 22.228 Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* 2004-09-30: "IMS" added to title in database for ease of searching. *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.

### *history (event, available, version, comments, hyperlink):*

SP-09	2000-09-28	1	.	0	.	0		<a href="#">get it</a>
SP-10	2001-01-12	5	.	0	.	0		<a href="#">get it</a>
SP-11	2001-04-02	5	.	1	.	0		<a href="#">get it</a>
SP-12	2001-06-27	5	.	2	.	0		<a href="#">get it</a>
SP-13	2001-10-05	5	.	3	.	0		<a href="#">get it</a>
SP-14	2002-01-10	5	.	4	.	0		<a href="#">get it</a>
SP-15	2002-03-28	5	.	5	.	0		<a href="#">get it</a>
SP-16	2002-07-19	5	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 395

31 May 2005 21:13:49

ACTIVE specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.233 Transparent end-to-end packet-switched streamng service; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

S1-12		0	.	1	.	0			
S1-13		0	.	2	.	0			
S1-14		0	.	3	.	0			
SP-14	2002-01-02	1	.	0	.	0	SP-010733	<a href="#">get it</a>	
SP-15	2002-03-19	2	.	0	.	0	SP-020062	<a href="#">get it</a>	
SP-15	2002-03-27	5	.	0	.	0		<a href="#">get it</a>	

---

## TR 22.944 Report on service requirements for UE functionality split

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-02	1	.	0	.	0	SP-010679, SP-020064	<a href="#">get it</a>	
SP-15	2002-03-19	2	.	0	.	0	SP-020064	<a href="#">get it</a>	
SP-15	2002-04-02	5	.	0	.	0	Not fit for SDO publication. Contains many editor's notes.	<a href="#">get it</a>	
SP-16	2002-07-04	5	.	1	.	0		<a href="#">get it</a>	

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Rel-5 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 396

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.002 Network architecture**

Rel-5 *current version:* 5.12.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:* Transfer>TSG#4,CR at TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-18	5 . 0 . 0	<a href="#">get it</a>
SP-10	2000-12-21	5 . 1 . 0	<a href="#">get it</a>
SP-11	2001-04-06	5 . 2 . 0	<a href="#">get it</a>
SP-12	2001-07-12	5 . 3 . 0	<a href="#">get it</a>
SP-13	2001-10-12	5 . 4 . 0	<a href="#">get it</a>
SP-14	2002-01-07	5 . 5 . 0	<a href="#">get it</a>
SP-15	2002-04-02	5 . 6 . 0	<a href="#">get it</a>
SP-16	2002-06-17	5 . 7 . 0	<a href="#">get it</a>
SP-17	2002-09-24	5 . 8 . 0	<a href="#">get it</a>
SP-18	2003-01-10	5 . 9 . 0	<a href="#">get it</a>
SP-19	2003-03-27	5 . 10 . 0	<a href="#">get it</a>
SP-20	2003-06-20	5 . 11 . 0	<a href="#">get it</a>
SP-21	2003-10-01	5 . 12 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 397

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.003 Numbering, addressing and identification

Rel-5 *current version:* 5.10.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-12	2001-06-27	5 . 0 . 0	<a href="#">get it</a>
NP-13	2001-10-03	5 . 1 . 0	<a href="#">get it</a>
NP-14	2002-01-11	5 . 2 . 0	<a href="#">get it</a>
NP-16	2002-06-21	5 . 3 . 0	<a href="#">get it</a>
NP-17	2002-09-17	5 . 4 . 0	<a href="#">get it</a>
NP-18	2003-01-07	5 . 5 . 0	<a href="#">get it</a>
post NP-18 fix	2003-01-10	5 . 5 . 1	<a href="#">get it</a>
corrupted figures pp24 ff			
NP-20	2003-06-27	5 . 6 . 0	<a href="#">get it</a>
NP-21	2003-10-09	5 . 7 . 0	<a href="#">get it</a>
NP-22	2004-01-12	5 . 8 . 0	<a href="#">get it</a>
NP-23	2004-03-23	5 . 9 . 0	Implements CR082r2 omitted from v5.8.0. <a href="#">get it</a>
NP-26	2004-12-23	5 . 10 . 0	<a href="#">get it</a>

---

## TS 23.007 Restoration procedures

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-21	5 . 0 . 0	<a href="#">get it</a>
NP-22	2004-01-12	5 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 398

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.008 Organisation of subscriber data

Rel-5 *current version:* 5.7.0

*freeze\_meeting:* NP-15

*WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG

*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-21	5	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	2	.	0	<a href="#">get it</a>
NP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	6	.	0	<a href="#">get it</a>
NP-22	2004-01-12	5	.	7	.	0	<a href="#">get it</a>

---

## TS 23.009 Handover procedures

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* NP-15

*WG (prime / other):* C1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-14	2002-01-08	5	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-20	5	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	2	.	0	<a href="#">get it</a>
NP-18	2003-01-02	5	.	3	.	0	<a href="#">get it</a>
NP-19	2003-03-24	5	.	4	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
NP-21	2003-10-10	5	.	6	.	0	<a href="#">get it</a>
NP-22	2004-01-05	5	.	7	.	0	<a href="#">get it</a>
NP-23	2004-03-22	5	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 399

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.011 Technical realization of Supplementary Services

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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## TS 23.012 Location management procedures

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15 2002-03-28 5 . 0 . 0 [get it](#)  
NP-20 2003-07-01 5 . 1 . 0 [get it](#)  
NP-21 2003-10-09 5 . 2 . 0 [get it](#)

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## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Should not be in UMTS ???CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-26 5 . 0 . 0 [get it](#)  
NP-17 2002-09-17 5 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 400

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* NP-15

*WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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## TS 23.016 Subscriber data management; Stage 2

Rel-5 *current version:* 5.3.0

*freeze\_meeting:* NP-15

*WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15 2002-03-28 5 . 0 . 0

NP-16 2002-06-21 5 . 1 . 0

NP-17 2002-09-17 5 . 2 . 0

NP-23 2004-03-23 5 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 401

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.018 Basic Call Handling; Technical realization

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-12	2001-06-27	5	.	0	.	0	<a href="#">get it</a>
NP-13	2001-10-03	5	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-16	5	.	2	.	0	<a href="#">get it</a>
NP-15	2002-03-28	5	.	3	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	4	.	0	<a href="#">get it</a>
NP-18	2003-01-07	5	.	5	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	6	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	7	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	8	.	0	<a href="#">get it</a>
NP-23	2004-03-23	5	.	9	.	0	<a href="#">get it</a>

---

## TS 23.031 Fraud Information Gathering System (FIGS); Service description; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-18 *G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & *remarks - this release:* Created from 43.031 Rel-5. Rel-5 -> 23.031.

### *history (event, available, version, comments, hyperlink):*

SP-18	2003-01-06	5	.	0	.	0	Technically identical to 43.031 v5.0.0 <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 402

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.032 Universal Geographical Area Description (GAD)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* SP-19 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* S2 responsibility? *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-19 2003-03-27 5 . 0 . 0 [get it](#)

---

## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C1 / - *rapporteur:* SITCH, Paul NOKIA Corporation  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-26 5 . 0 . 0 [get it](#)  
NP-18 2002-12-18 5 . 1 . 0 [get it](#)  
NP-19 2003-03-24 5 . 2 . 0 [get it](#)

---

## TS 23.035 Immediate Service Termination (IST); Stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael One  
*remarks - general:* SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)  
SP-17 2002-09-18 5 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 403

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.038 Alphabets and language-specific information

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-15 2002-03-21 5 . 0 . 0 [get it](#)  
TP-25 2004-09-23 5 . 1 . 0 [get it](#)

---

## TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* TP-26: Not to be upgraded to Rel-6.

*history (event, available, version, comments, hyperlink):*

TP-16 2002-07-02 5 . 0 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 404

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.8.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-12	2001-07-05	5	.	0	.	0		<a href="#">get it</a>
TP-13	2001-10-03	5	.	1	.	0		<a href="#">get it</a>
TP-14	2002-01-11	5	.	2	.	0		<a href="#">get it</a>
TP-15	2002-03-26	5	.	3	.	0		<a href="#">get it</a>
TP-16	2002-07-05	5	.	4	.	0		<a href="#">get it</a>
TP-17	2002-09-18	5	.	5	.	0		<a href="#">get it</a>
post TP-17: adds test vector file	2002-09-24	5	.	5	.	1		<a href="#">get it</a>
TP-20	2003-06-26	5	.	6	.	0	figures 15h & g illegible	<a href="#">get it</a>
TP-20	2003-10-03	5	.	6	.	1	fixes illegible figures	<a href="#">get it</a>
TP-23	2004-03-25	5	.	7	.	0		<a href="#">get it</a>
edito post TP-23	2004-05-24	5	.	7	.	1		<a href="#">get it</a>
TP-25	2004-09-23	5	.	8	.	0		<a href="#">get it</a>
TP-25	2004-10-08	5	.	8	.	1	adds compression text vectors file accidentally omitted from v5.8.0	<a href="#">get it</a>

---

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-16 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* Transfer>TSG#4. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-16	2002-06-26	5	.	0	.	0		<a href="#">get it</a>
TP-19	2003-03-24	5	.	1	.	0		<a href="#">get it</a>
TP-22	2004-01-09	5	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 405

31 May 2005 21:13:49

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.042 Compression algorithm for SMS

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-15  
*remarks - general:* TP-27: Former WG = T2.

*WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16 2002-06-26 5 . 0 . 0 [get it](#)

---

## TS 23.048 Security mechanisms for the (U)SIM application toolkit; Stage 2

Rel-5 *current version:* 5.8.0  
*freeze\_meeting:* TP-15

*WG (prime / other):* C6 / - *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-26: No promotion to Rel-6, contents is all in 31.115 & 31.116.

*history (event, available, version, comments, hyperlink):*

TP-12 2001-07-06 5 . 0 . 0 [get it](#)  
TP-13 2001-10-12 5 . 1 . 0 [get it](#)  
TP-14 2002-01-17 5 . 2 . 0 [get it](#)  
TP-15 2002-03-28 5 . 3 . 0 [get it](#)  
TP-17 2002-09-23 5 . 4 . 0 [get it](#)  
TP-18 2003-01-02 5 . 5 . 0 [get it](#)  
TP-19 2003-03-26 5 . 6 . 0 [get it](#)  
TP-20 2003-06-23 5 . 7 . 0 [get it](#)  
TP-22 2004-01-12 5 . 8 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 406

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* No draft. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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**TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* BRENK, Lars TTP Communications plc  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Apr-2001: " Station Application" removed from title. SP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-15 2002-03-25 5 . 0 . 0 [get it](#)  
TP-17 2002-09-18 5 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 407

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

Rel-5 *current version:* 5.10.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-14	2002-01-08	5	.	0	.	0	<a href="#">get it</a>
SP-15	2002-04-05	5	.	1	.	0	<a href="#">get it</a>
SP-16	2002-06-17	5	.	2	.	0	<a href="#">get it</a>
SP-17	2002-10-02	5	.	3	.	0	<a href="#">get it</a>
SP-18	2003-01-10	5	.	4	.	0	<a href="#">get it</a>
Seems that approved CR418 was not implemented.							
SP-19	2003-03-27	5	.	5	.	0	<a href="#">get it</a>
SP-20	2003-06-20	5	.	6	.	0	<a href="#">get it</a>
SP-22	2004-01-06	5	.	7	.	0	<a href="#">get it</a>
SP-23	2004-04-01	5	.	8	.	0	<a href="#">get it</a>
SP-25	2004-09-27	5	.	9	.	0	<a href="#">get it</a>
SP-27	2005-03-24	5	.	10	.	0	<a href="#">get it</a>

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## TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

Rel-5 *current version:* 5.3.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4, CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	1	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	2	.	0	<a href="#">get it</a>
NP-22	2004-01-12	5	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 408

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TS 23.072 Call Deflection Supplementary Service; Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 409

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C4 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Phase 4.

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-17	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>
NP-18	2002-12-18	5	.	2	.	0	<a href="#">get it</a>
NP-19	2003-03-25	5	.	3	.	0	<a href="#">get it</a>
NP-20	2003-06-20	5	.	4	.	0	<a href="#">get it</a>
NP-21	2003-09-29	5	.	5	.	0	<a href="#">get it</a>
remove redundant SDL files	2003-10-08	5	.	5	.	1	<a href="#">get it</a>
NP-22	2004-01-06	5	.	6	.	0	<a href="#">get it</a>
NP-23	2004-03-29	5	.	7	.	0	<a href="#">get it</a>
NP-24	2004-06-17	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-07	5	.	9	.	0	<a href="#">get it</a>

---

## TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

Rel-5 *current version:* 5.5.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CR at TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-21	5	.	1	.	0	<a href="#">get it</a>
NP-18	2003-01-07	5	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	3	.	0	<a href="#">get it</a>
NP-22	2004-01-12	5	.	4	.	0	<a href="#">get it</a>
NP-24	2004-06-15	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 410

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.081 Line Identification supplementary services; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>

---

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-21	5	.	0	.	0	<a href="#">get it</a>
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## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 411

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.084 MultiParty (MPHY) Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-12 2001-06-27 5 . 0 . 0

[get it](#)

---

## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 412

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TS 23.088 Call Barring (CB) Supplementary Service; Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 413

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-21 5 . 0 . 0  
NP-17 2002-09-17 5 . 1 . 0

[get it](#)

[get it](#)

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## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-5 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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## TS 23.094 Follow Me Stage 2

Rel-5 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4. GSM only @TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0  
post NP-16 edito: 2002-07-01 5 . 0 . 1  
make fig 5.1 visible

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 414

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.096 Name Identification Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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## TS 23.101 General UMTS Architecture

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S2 / - *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson  
*freeze\_meeting:* SP-22 *G: U: yes* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to Rel-4 2004-01-22 5 . 0 . 0 Technically = v4.0.0

[get it](#)

Correct illegible 2004-01-27 5 . 0 . 1

[get it](#)

figures

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 415

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
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## TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.13.0 *WG (prime / other):* S2 / - *rapporteur:* RINNE, Janne NOKIA Corporation  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* was 23.907. SP-27: scope includes GERAN as well as UTRAN, so this spec will now appear in 01.01 / 41.101 henceforward. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-11	5	.	0	.	0	<a href="#">get it</a>
SP-12	2001-06-29	5	.	1	.	0	<a href="#">get it</a>
SP-13	2001-10-12	5	.	2	.	0	<a href="#">get it</a>
SP-14	2002-01-07	5	.	3	.	0	<a href="#">get it</a>
SP-15	2002-04-07	5	.	4	.	0	<a href="#">get it</a>
SP-16	2002-06-17	5	.	5	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	6	.	0	<a href="#">get it</a>
SP-18	2003-01-10	5	.	7	.	0	<a href="#">get it</a>
SP-19	2003-03-27	5	.	8	.	0	<a href="#">get it</a>
SP-20	2003-06-26	5	.	9	.	0	<a href="#">get it</a>
SP-21	2003-10-01	5	.	10	.	0	<a href="#">get it</a>
SP-22	2004-01-06	5	.	11	.	0	<a href="#">get it</a>
SP-23	2004-04-01	5	.	12	.	0	<a href="#">get it</a>
SP-26	2005-01-05	5	.	13	.	0	<a href="#">get it</a>

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## TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* This is clause 7 from 04.08 ex R98.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-04-15: N1-23 decision to continue to Rel-5.

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-28	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 416

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.110 UMTS Access Stratum Services and Functions**  
Rel-5 *current version:* 5.0.0 *freeze\_meeting:* SP-22  
*WG (prime / other):* S2 / - *rapporteur:* LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One  
*G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

upgrade to Rel-5 2003-10-09 5 . 0 . 0 Created when discovered it was missing [get it](#)  
following SP-21 post SP-21. To be ratified SP-22.

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**TS 23.116 Super-Charger technical realization; Stage 2**  
Rel-5 *current version:* 5.0.0 *freeze\_meeting:* NP-15  
*WG (prime / other):* C4 / - *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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**TS 23.119 Gateway Location Register (GLR); Stage2**  
Rel-5 *current version:* 5.0.0 *freeze\_meeting:* NP-15  
*WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 417

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
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## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-5 *current version:* 5.3.0 *WG (prime / other):* C1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of R98 features.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>
NP-18	2002-12-18	5	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-10	5	.	3	.	0	<a href="#">get it</a>

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## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA  
*freeze\_meeting:* SP-15 *G:* U: yes *MCC:* POPE, Maurice  
*remarks - general:* Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred from S2 to N5 at N/SP-25. SP-27: Still with S2, but Rel-6 onwards -> 23.198 with N5 (see SP-050010). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-07	5	.	0	.	0	<a href="#">get it</a>
SP-15	2002-04-05	5	.	1	.	0	<a href="#">get it</a>
SP-16	2002-06-17	5	.	2	.	0	<a href="#">get it</a>

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## TS 23.135 Multicall supplementary service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
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# 3GPP specification status

Page 418

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
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## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-5 *current version:* 5.11.0 *WG (prime / other):* CP / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* TP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:* 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available. 2004-01-12: (Rodermund) WAP Forum (now OMA) elements for MMS Rel-5 are ready.

*history (event, available, version, comments, hyperlink):*

TP-13	2001-10-05	5	.	0	.	0		<a href="#">get it</a>
TP-14	2002-01-11	5	.	1	.	0		<a href="#">get it</a>
TP-15	2002-03-29	5	.	2	.	0		<a href="#">get it</a>
TP-16	2002-07-05	5	.	3	.	0	Schema delivered 2002-07-07 (uploaded 19) to <a href="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0">http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0</a> .	<a href="#">get it</a>
TP-17	2002-09-30	5	.	4	.	0	Schema v1.1 uploaded 2002-11-14.	<a href="#">get it</a>
TP-18	2002-12-20	5	.	5	.	0	Schema v1.2 (REL-5-MM7-1-2.xsd) uploaded 2003-01-08 and version without file extension 2003-01-14.	<a href="#">get it</a>
TP-19	2003-03-31	5	.	6	.	0		<a href="#">get it</a>
TP-20	2003-06-25	5	.	7	.	0		<a href="#">get it</a>
TP-21	2003-10-03	5	.	8	.	0		<a href="#">get it</a>
TP-22	2004-01-12	5	.	9	.	0		<a href="#">get it</a>
TP-23	2004-03-25	5	.	10	.	0		<a href="#">get it</a>
TP-24	2004-06-15	5	.	11	.	0	XML schema unchanged	<a href="#">get it</a>

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## TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 419

31 May 2005 21:13:50

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.10.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-21	5	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
NP-18	2003-01-09	5	.	3	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	6	.	0	<a href="#">get it</a>
NP-23	2004-03-23	5	.	7	.	0	<a href="#">get it</a>
NP-24	2004-06-15	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-07	5	.	9	.	0	<a href="#">get it</a>
NP-27	2005-04-01	5	.	10	.	0	<a href="#">get it</a>

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## TS 23.172 Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2

Rel-5 *current version:* 5.5.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft	2002-04-18	1	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-25	2	.	0	.	0	NP-020168 <a href="#">get it</a>
NP-16	2002-06-28	5	.	0	.	0	<a href="#">get it</a>
NP-18	2003-01-09	5	.	1	.	0	<a href="#">get it</a>
NP-21	2003-10-03	5	.	2	.	0	<a href="#">get it</a>
NP-22	2004-01-15	5	.	3	.	0	<a href="#">get it</a>
NP-23	2004-03-22	5	.	4	.	0	<a href="#">get it</a>
NP-27	2005-04-01	5	.	5	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 420

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
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## TS 23.195 Provision of User Equipment Specific Behaviour Information (UESBI) to network entities

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S2 / *rporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* SP-20 *G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:* Created as a result of 23.895.

*remarks - this release:* SP-20: approved as a Rel-5 document, not Rel-6.

### *history (event, available, version, comments, hyperlink):*

draft	2003-03-24	0	.	1	.	0		<a href="#">get it</a>
SP-19	2003-03-24	1	.	0	.	0	SP-030030. Also RP-030195 at RP-10.	<a href="#">get it</a>
S2-32		1	.	2	.	0	S2-031951 (inc in RP-030234)	
draft		1	.	3	.	0	Tech identical to v1.2.0; S2-031953	
SP-20		2	.	0	.	0	SP-030314	
SP-20	2003-06-17	2	.	1	.	0	SP-030335; incorporates RP-20 decisions re IMEISV vs bitmap resolved (ie remove IMEISV)	<a href="#">get it</a>
SP-20	2003-06-20	5	.	0	.	0		<a href="#">get it</a>
SP-21	2003-10-01	5	.	1	.	0		<a href="#">get it</a>
SP-22	2004-01-06	5	.	2	.	0		<a href="#">get it</a>
SP-23	2004-04-01	5	.	3	.	0		<a href="#">get it</a>
SP-25	2004-09-27	5	.	4	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 421

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
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## TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-5 *current version:* 5.8.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2000-10: Rap change from Keutmann.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-10	5	.	0	.	0	<a href="#">get it</a>
NP-15	2002-03-28	5	.	1	.	0	<a href="#">get it</a>
NP-16	2002-06-21	5	.	2	.	0	<a href="#">get it</a>
NP-17	2002-09-18	5	.	3	.	0	<a href="#">get it</a>
NP-18	2003-01-07	5	.	4	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	6	.	0	<a href="#">get it</a>
NP-23	2004-03-24	5	.	7	.	0	<a href="#">get it</a>
NP-27	2005-04-01	5	.	8	.	0	<a href="#">get it</a>

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## TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.9.0 *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12		2	.	0	.	0	SP-010337	
SP-12	2001-07-02	5	.	0	.	0	<a href="#">get it</a>	
SP-13	2001-10-15	5	.	1	.	0	<a href="#">get it</a>	
SP-14	2002-01-07	5	.	2	.	0	<a href="#">get it</a>	
SP-15	2002-04-05	5	.	3	.	0	<a href="#">get it</a>	
SP-16	2002-06-18	5	.	4	.	0	<a href="#">get it</a>	
SP-17	2002-09-24	5	.	5	.	0	<a href="#">get it</a>	
SP-18	2003-01-10	5	.	6	.	0	<a href="#">get it</a>	
SP-19	2003-03-27	5	.	7	.	0	<a href="#">get it</a>	
SP-20	2003-06-20	5	.	8	.	0	<a href="#">get it</a>	
SP-23	2004-04-01	5	.	9	.	0	<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 422

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
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**TS 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2**

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* NP-15

*WG (prime / other):* C1 / - *rapporteur:* DRAGE, Keith  
*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

Lucent Technologies Network Systems UK

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2001-03-30	0	.	5	.	0		<a href="#">get it</a>
draft	2001-08-20	0	.	5	.	2		<a href="#">get it</a>
draft	2001-09-11	0	.	6	.	0		<a href="#">get it</a>
draft	2001-10-10	0	.	7	.	0		<a href="#">get it</a>
draft	2001-11-05	0	.	8	.	0		<a href="#">get it</a>
draft	2001-11-19	0	.	9	.	0		<a href="#">get it</a>
NP-14	2001-12-05	1	.	0	.	0	NP-010640	<a href="#">get it</a>
draft	2002-01-22	1	.	1	.	0		<a href="#">get it</a>
draft	2002-02-06	1	.	2	.	0		<a href="#">get it</a>
draft	2002-02-26	2	.	0	.	0		<a href="#">get it</a>
NP-15	2002-03-19	2	.	0	.	1	NP-020047	<a href="#">get it</a>
NP-15	2002-03-19	5	.	0	.	0		<a href="#">get it</a>
NP-16	2002-06-25	5	.	1	.	0		<a href="#">get it</a>
NP-17	2002-09-17	5	.	2	.	0		<a href="#">get it</a>
NP-18	2002-12-18	5	.	3	.	0		<a href="#">get it</a>
NP-19	2003-03-24	5	.	4	.	0		<a href="#">get it</a>
NP-20	2003-07-03	5	.	5	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	6	.	0		<a href="#">get it</a>
NP-22	2004-01-06	5	.	7	.	0		<a href="#">get it</a>
NP-27	2005-04-01	5	.	8	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 423

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.221 Architectural requirements

Rel-5 *current version:* 5.11.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth

G: yes U: yes *MCC:* POPE, Maurice

Lucent Technologies Network Systems UK

*remarks - general:* Derived from R99-specific 23.121

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-06	5	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-02	5	.	1	.	0	<a href="#">get it</a>
SP-13	2001-10-12	5	.	2	.	0	<a href="#">get it</a>
SP-14	2002-01-07	5	.	3	.	0	<a href="#">get it</a>
SP-15	2002-04-05	5	.	4	.	0	<a href="#">get it</a>
SP-16	2002-06-18	5	.	5	.	0	<a href="#">get it</a>
SP-17	2002-10-02	5	.	6	.	0	<a href="#">get it</a>
SP-18	2003-01-10	5	.	7	.	0	<a href="#">get it</a>
SP-21	2003-10-01	5	.	8	.	0	<a href="#">get it</a>
SP-23	2004-04-01	5	.	9	.	0	<a href="#">get it</a>
SP-24	2004-06-23	5	.	10	.	0	<a href="#">get it</a>
SP-25	2004-09-27	5	.	11	.	0	<a href="#">get it</a>

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## TS 23.226 Global text telephony (GTT); Stage 2: Architecture

Rel-5 *current version:* 5.2.0

*freeze\_meeting:* NP-15

*WG (prime / other):* S2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB

G: yes U: yes *MCC:* POPE, Maurice

*remarks - general:* 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.

*remarks - this release:* WI approved TSG#7

*history (event, available, version, comments, hyperlink):*

SP-12		2	.	0	.	0	SP-010336	
SP-12	2001-06-29	5	.	0	.	0	<a href="#">get it</a>	
SP-14	2002-01-07	5	.	1	.	0	<a href="#">get it</a>	
SP-15	2002-04-05	5	.	2	.	0	<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 424

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
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**TS 23.227 Application and user interaction in the UE; Principles and specific requirements**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH

*freeze\_meeting:* TP-15

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:* TP-26: Not to be upgraded to Rel-6.

*history (event, available, version, comments, hyperlink):*

TP-14 2002-01-11 5 . 0 . 0

[get it](#)

TP-15 2002-03-26 5 . 1 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 425

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5 *current version:* 5.13.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas

Lucent Technologies

*G:* yes *U:* yes

*MCC:*

POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2000-11-30	1	.	0	.	0		<a href="#">get it</a>
SP-10	2001-01-10	1	.	4	.	0	SP-000598	<a href="#">get it</a>
draft	2001-02-06	1	.	7	.	0		<a href="#">get it</a>
SP-11	2001-04-06	5	.	0	.	0		<a href="#">get it</a>
SP-12	2001-07-02	5	.	1	.	0		<a href="#">get it</a>
SP-13	2001-10-17	5	.	2	.	0		<a href="#">get it</a>
repair of lost figures		5	.	2	.	1		
SP-14	2002-01-04	5	.	3	.	0		<a href="#">get it</a>
SP-15	2002-04-08	5	.	4	.	0		<a href="#">get it</a>
edito post	SP-15	2002-04-12	5	.	4	.	1	<a href="#">get it</a>
SP-16	2002-06-17	5	.	5	.	0		<a href="#">get it</a>
SP-17	2002-09-30	5	.	6	.	0		<a href="#">get it</a>
SP-18	2003-01-07	5	.	7	.	0		<a href="#">get it</a>
SP-19	2003-03-27	5	.	8	.	0		<a href="#">get it</a>
SP-20	2003-06-20	5	.	9	.	0		<a href="#">get it</a>
SP-21	2003-10-01	5	.	10	.	0		<a href="#">get it</a>
SP-22	2004-01-06	5	.	11	.	0		<a href="#">get it</a>
SP-23	2004-04-01	5	.	12	.	0		<a href="#">get it</a>
SP-26	2005-01-06	5	.	13	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 426

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
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**TS 23.236 Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes**

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S2 / - *rapporteur:* TERRILL, Stephen  
*G:* yes *U:* yes *MCC:* POPE, Maurice

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-07-12	1 . 0 . 0	SP-010338	<a href="#">get it</a>
draft	2001-08-16	1 . 1 . 0		<a href="#">get it</a>
SP-13	2001-10-01	2 . 0 . 0	SP-010507	<a href="#">get it</a>
SP-13		2 . 1 . 0	not made available	
SP-13	2001-10-15	5 . 0 . 0		<a href="#">get it</a>
SP-14	2002-01-07	5 . 1 . 0		<a href="#">get it</a>
SP-15	2002-04-05	5 . 2 . 0		<a href="#">get it</a>
SP-26	2005-01-05	5 . 3 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 427

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.271 Functional stage 2 description of Location Services (LCS)

Rel-5 *current version:* 5.13.0 *WG (prime / other):* S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-13	2001-10-15	5	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-07	5	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-29	5	.	2	.	0	<a href="#">get it</a>
SP-16	2002-06-18	5	.	3	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	4	.	0	<a href="#">get it</a>
SP-18	2003-01-09	5	.	5	.	0	<a href="#">get it</a>
SP-19	2003-03-27	5	.	6	.	0	<a href="#">get it</a>
SP-20	2003-06-23	5	.	7	.	0	<a href="#">get it</a>
SP-21	2003-10-02	5	.	8	.	0	<a href="#">get it</a>
SP-22	2004-01-06	5	.	9	.	0	<a href="#">get it</a>
SP-23	2004-04-01	5	.	10	.	0	<a href="#">get it</a>
SP-24	2004-06-23	5	.	11	.	0	<a href="#">get it</a>
SP-25	2004-09-27	5	.	12	.	0	<a href="#">get it</a>
SP-26	2005-01-06	5	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 428

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
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## TS 23.278 Customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-5 *current version:* 5.6.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-18 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* 2001-10-26: renumbered from 23.178. NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Was briefly 23.178. CAMEL Phase 4.

### *history (event, available, version, comments, hyperlink):*

NP-14	2002-01-02	1	.	0	.	0	NP-010586	<a href="#">get it</a>
NP-15	2002-03-19	1	.	1	.	0	NP-020059	<a href="#">get it</a>
NP-16	2002-06-26	2	.	0	.	0	NP-020207 - not approved	<a href="#">get it</a>
NP-17	2002-09-24	2	.	1	.	0	NP-020348	<a href="#">get it</a>
NP-17	2002-09-17	5	.	0	.	0		<a href="#">get it</a>
NP-18	2003-01-10	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-03-25	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-20	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-29	5	.	4	.	0		<a href="#">get it</a>
NP-22	2004-01-05	5	.	5	.	0		<a href="#">get it</a>
NP-25	2004-09-30	5	.	6	.	0		<a href="#">get it</a>

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## TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Was 23.915. *remarks - this release:* 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).

### *history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0	2001-08	
S2-19		0	.	1	.	0	2001-10	
S2-20	2001-11-20	0	.	2	.	0		<a href="#">get it</a>
S2-21	2001-12-04	0	.	3	.	0		<a href="#">get it</a>
SP-14	2002-01-11	1	.	0	.	0	SP-010718	<a href="#">get it</a>
SP-15	2002-03-19	2	.	0	.	0	SP-020144	<a href="#">get it</a>
SP-15	2002-04-05	5	.	0	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 429

31 May 2005 21:13:51

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.871 Enhanced support for user privacy in Location Services (LCS)**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S2 / *rapporteur:* KÄLL, Jan NOKIA Corporation  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* Not to progress to Rel-6: see 23.271.

*history (event, available, version, comments, hyperlink):*

draft		0 . 0 . 1		
draft		0 . 0 . 2		
draft		0 . 0 . 3		
draft		0 . 1 . 0		
S2-21		0 . 2 . 0		
draft		0 . 3 . 0		
draft		0 . 4 . 0		
SP-14	2002-01-02	1 . 0 . 0	SP-010717	<a href="#">get it</a>
S2-23		1 . 2 . 0		
draft	2002-03-19	1 . 3 . 0		<a href="#">get it</a>
SP-15		2 . 0 . 0	not presented	
SP-16	2002-07-22	2 . 1 . 0	SP-020379	<a href="#">get it</a>
SP-16	2002-07-25	5 . 0 . 0		<a href="#">get it</a>

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**TR 23.875 Support of Push service**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S2 / *rapporteur:* UDA, Nobuyuki NTT COMWARE Corporation  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-13: changed number from 23.974.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-13	2001-10-16	5 . 0 . 0	derived from SP-010508	<a href="#">get it</a>
SP-14	2002-04-04	5 . 1 . 0		<a href="#">get it</a>

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# 3GPP specification status

Page 430

31 May 2005 21:13:52

ACTIVE specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.910 Circuit switched data bearer services

Rel-5 *current version:* 5.5.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 G: U: yes *MCC:* HAN, Seung Don

*remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval). NP-25: TSG CN proposing to convert to a TS.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-25: In view of the intention to replace by a TS, this TR will not be upgraded to Rel-6.

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>
NP-18	2003-01-06	5	.	2	.	0	<a href="#">get it</a>
NP-19	2003-03-27	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-10-01	5	.	4	.	0	<a href="#">get it</a>
NP-27	2005-04-01	5	.	5	.	0	<a href="#">get it</a>

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## TR 23.981 Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*freeze\_meeting:* SP-25 G: U: yes *MCC:* POPE, Maurice

*remarks - general:* SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert 23.881 to 23.981. Agreed at S2-39. *remarks - this release:* SP-24: to be back-created by CRs to the Rel-6 instance.

*history (event, available, version, comments, hyperlink):*

SP-25	2004-09-27	5	.	0	.	0	<a href="#">get it</a>
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Rel-5 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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# 3GPP specification status

Page 431

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration**  
Rel-5 *current version:* 5.1.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* Skov  
JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-28	5	.	0	.	0	<a href="#">get it</a>
NP-19	2003-03-24	5	.	1	.	0	<a href="#">get it</a>
correction of typo on cover page	2003-06-02	5	.	1	.	1	<a href="#">get it</a>

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**TS 24.007 Mobile radio interface signalling layer 3; General Aspects**  
Rel-5 *current version:* 5.4.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>
NP-24	2004-06-21	5	.	2	.	0	<a href="#">get it</a>
NP-26	2005-01-07	5	.	3	.	0	<a href="#">get it</a>
NP-27	2005-03-21	5	.	4	.	0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 432

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3**

Rel-5 *current version:* 5.12.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-12	2001-07-13	5	.	0	.	0	<a href="#">get it</a>
NP-13	2001-10-05	5	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-10	5	.	2	.	0	<a href="#">get it</a>
NP-15	2002-03-21	5	.	3	.	0	<a href="#">get it</a>
NP-16	2002-06-24	5	.	4	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	5	.	0	<a href="#">get it</a>
NP-18	2002-12-18	5	.	6	.	0	<a href="#">get it</a>
NP-19	2003-03-24	5	.	7	.	0	<a href="#">get it</a>
NP-20	2003-07-04	5	.	8	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	9	.	0	<a href="#">get it</a>
NP-22	2004-01-12	5	.	10	.	0	<a href="#">get it</a>
NP-23	2004-03-22	5	.	11	.	0	<a href="#">get it</a>
NP-24	2004-06-15	5	.	12	.	0	<a href="#">get it</a>

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**TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, Ramachandran QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 433

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
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**TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface**  
Rel-5 *current version:* 5.2.0 *WG (prime / other):* C1 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-15  
G: yes U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-28	5	.	0	.	0	<a href="#">get it</a>
NP-18	2002-12-18	5	.	1	.	0	<a href="#">get it</a>
NP-20	2003-07-03	5	.	2	.	0	<a href="#">get it</a>

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**TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices**  
Rel-5 *current version:* 5.5.0 *WG (prime / other):* C3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* NP-15  
G: yes U: yes *MCC:* HAN, Seung Don  
*remarks - general:* CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-16	5	.	0	.	0	<a href="#">get it</a>
NP-18	2003-01-06	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-03-27	5	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-23	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-10-01	5	.	4	.	0	<a href="#">get it</a>
NP-22	2004-01-13	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 434

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C4 / - *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15 2002-03-28 5 . 0 . 0  
NP-16 2002-06-21 5 . 1 . 0

[get it](#)

[get it](#)

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## TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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## TS 24.072 Call Deflection Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-24 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 435

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-21	5	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
NP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-10-09	5	.	4	.	0	<a href="#">get it</a>
NP-26	2005-01-07	5	.	5	.	0	<a href="#">get it</a>

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**TS 24.081 Line Identification Supplementary Service; Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-24	5	.	0	.	0	<a href="#">get it</a>
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**TS 24.082 Call Forwarding supplementary service; Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-25	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 436

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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**TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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**TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 437

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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## TS 24.087 User-to-User Signalling (UUS); Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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## TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 438

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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## TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 439

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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## TS 24.135 Multicall supplementary service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 440

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.228 Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 *current version:* 5.12.0 *WG (prime / other):* C1 / - *rapporteur:* VARGA, József NOKIA Corporation  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Post NP-25: not to be upgraded to Rel-6. NP-26: confirmed: contents subsumed by other specs.

### *history (event, available, version, comments, hyperlink):*

NP-10	2001-01-05	0	.	1	.	0	N1-001114->1378 (NP-000683)	<a href="#">get it</a>
draft	2001-03-26	0	.	4	.	0		<a href="#">get it</a>
draft	2001-04-18	0	.	5	.	0		<a href="#">get it</a>
draft		1	.	0	.	0	N1-17	
NP-12	2001-06-26	1	.	0	.	0	NP-010278	<a href="#">get it</a>
draft	2001-06-26	1	.	1	.	0	N1-010944	<a href="#">get it</a>
draft	2001-08-01	1	.	2	.	0	N1-011230	<a href="#">get it</a>
draft	2001-09-11	1	.	3	.	0	N1-011363	<a href="#">get it</a>
draft	2001-09-14	1	.	4	.	0	N1-011364	<a href="#">get it</a>
draft	2001-10-05	1	.	5	.	0	N1-011496	<a href="#">get it</a>
draft	2001-10-24	1	.	6	.	0	N1-011706	<a href="#">get it</a>
draft	2001-11-19	1	.	7	.	0		<a href="#">get it</a>
NP-14	2001-12-04	1	.	8	.	0	NP-010641	<a href="#">get it</a>
draft	2002-01-22	1	.	9	.	0		<a href="#">get it</a>
draft	2002-02-06	1	.	10	.	0		<a href="#">get it</a>
draft	2002-02-26	2	.	0	.	0		<a href="#">get it</a>
draft	2002-02-26	2	.	0	.	1		<a href="#">get it</a>
NP-15	2002-03-19	2	.	0	.	2	NP-020048	<a href="#">get it</a>
NP-15	2002-03-19	5	.	0	.	0	not yet frozen	<a href="#">get it</a>
NP-16	2002-07-16	5	.	1	.	0	Enormous CRs to create this version; take several man.weeks to accomplish	<a href="#">get it</a>
NP-17	2002-09-17	5	.	2	.	0		<a href="#">get it</a>
NP-18	2003-01-10	5	.	3	.	0		<a href="#">get it</a>
NP-19	2003-03-24	5	.	4	.	0		<a href="#">get it</a>
NP-20	2003-07-04	5	.	5	.	0		<a href="#">get it</a>
NP-21	2003-10-08	5	.	6	.	0		<a href="#">get it</a>
NP-22	2004-01-12	5	.	7	.	0		<a href="#">get it</a>
NP-23	2004-03-22	5	.	8	.	0		<a href="#">get it</a>
NP-24	2004-06-14	5	.	9	.	0		<a href="#">get it</a>
NP-25	2004-09-27	5	.	10	.	0		<a href="#">get it</a>
NP-26	2005-01-07	5	.	11	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 441

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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NP-27 2005-04-01 5 . 12 . 0

[get it](#)

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# 3GPP specification status

Page 442

31 May 2005 21:13:52

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.229 Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 current version: 5.12.0 WG (prime / other): C1 / - rapporteur: DRAGE, Keith Lucent Technologies Network Systems UK  
freeze\_meeting: NP-16 G: yes U: yes MCC: JURISIC, Andrijana

remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS. CP-27: change of WG as a result of closure of CN and T. remarks - this release:

history (event, available, version, comments, hyperlink):

NP-10		0	.	0	.	6			
NP-10	2001-01-05	0	.	0	.	7	N1-001115->1379 (NP-000684)	<a href="#">get it</a>	
draft	2001-03-26	0	.	1	.	0		<a href="#">get it</a>	
draft	2001-05-10	0	.	2	.	0		<a href="#">get it</a>	
draft	2001-06-26	0	.	3	.	0		<a href="#">get it</a>	
draft	2001-07-26	0	.	4	.	0		<a href="#">get it</a>	
draft	2001-09-12	0	.	5	.	0		<a href="#">get it</a>	
draft	2001-10-09	0	.	6	.	0		<a href="#">get it</a>	
draft	2001-10-24	0	.	7	.	0		<a href="#">get it</a>	
draft	2001-11-19	0	.	8	.	0		<a href="#">get it</a>	
NP-14	2001-12-06	1	.	0	.	0	NP-010642	<a href="#">get it</a>	
draft	2002-01-22	1	.	1	.	0		<a href="#">get it</a>	
draft	2002-02-06	1	.	2	.	0		<a href="#">get it</a>	
draft	2002-02-06	1	.	2	.	1		<a href="#">get it</a>	
draft	2002-02-27	2	.	0	.	0		<a href="#">get it</a>	
NP-15	2002-03-19	2	.	0	.	2	NP-020049	<a href="#">get it</a>	
NP-15	2002-03-19	5	.	0	.	0	not frozen	<a href="#">get it</a>	
NP-16	2002-06-28	5	.	1	.	0	CR009 not implemented; expect further CR at NP-17 to remove it.	<a href="#">get it</a>	
NP-17	2002-09-17	5	.	2	.	0		<a href="#">get it</a>	
NP-18	2002-12-20	5	.	3	.	0		<a href="#">get it</a>	
NP-19	2003-03-24	5	.	4	.	0		<a href="#">get it</a>	
NP-20	2003-06-23	5	.	5	.	0		<a href="#">get it</a>	
NP-21	2003-09-29	5	.	6	.	0		<a href="#">get it</a>	
NP-22	2004-01-13	5	.	7	.	0		<a href="#">get it</a>	
NP-23	2004-03-22	5	.	8	.	0		<a href="#">get it</a>	
NP-24	2004-06-14	5	.	9	.	0		<a href="#">get it</a>	
NP-25	2004-09-27	5	.	10	.	0		<a href="#">get it</a>	
NP-26	2005-01-07	5	.	11	.	0		<a href="#">get it</a>	
edito post	NP-26	2005-01-10	5	.	11	.	1	fixes Word problem	<a href="#">get it</a>
NP-27	2005-03-21	5	.	12	.	0		<a href="#">get it</a>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 443

31 May 2005 21:13:53

ACTIVE specs Rel-5 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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Rel-5 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.101** User Equipment (UE) radio transmission and reception (FDD)

Rel-5 *current version:* 5.14.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-13	2001-10-03	5 . 0 . 0	<a href="#">get it</a>
RP-14	2002-01-14	5 . 1 . 0	<a href="#">get it</a>
RP-15	2002-03-29	5 . 2 . 0	<a href="#">get it</a>
RP-16	2002-07-01	5 . 3 . 0	<a href="#">get it</a>
RP-17	2002-10-04	5 . 4 . 0	<a href="#">get it</a>
RP-18	2003-01-10	5 . 5 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 6 . 0	<a href="#">get it</a>
RP-20	2003-06-27	5 . 7 . 0	<a href="#">get it</a>
RP-21	2003-10-10	5 . 8 . 0	<a href="#">get it</a>
RP-22	2004-01-23	5 . 9 . 0	<a href="#">get it</a>
RP-23	2004-04-01	5 . 10 . 0	<a href="#">get it</a>
RP-24	2004-06-24	5 . 11 . 0	<a href="#">get it</a>
RP-25	2004-09-30	5 . 12 . 0	<a href="#">get it</a>
RP-26	2005-01-06	5 . 13 . 0	<a href="#">get it</a>
RP-27	2005-04-01	5 . 14 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 444

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-5 *current version:* 5.6.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	RP-15	2002-03-29	5 . 0 . 0		<a href="#">get it</a>
editor post	RP-15	2002-04-15	5 . 0 . 1	Fixes change history table entry.	<a href="#">get it</a>
	RP-16	2002-07-01	5 . 1 . 0		<a href="#">get it</a>
	RP-17	2002-10-02	5 . 2 . 0		<a href="#">get it</a>
	RP-18	2003-01-10	5 . 3 . 0		<a href="#">get it</a>
	RP-19	2003-04-04	5 . 4 . 0		<a href="#">get it</a>
	RP-20	2003-06-27	5 . 5 . 0		<a href="#">get it</a>
	RP-22	2004-01-20	5 . 6 . 0		<a href="#">get it</a>

---

## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-5 *current version:* 5.9.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	RP-13	2001-10-03	5 . 0 . 0		<a href="#">get it</a>
	RP-14	2002-01-14	5 . 1 . 0		<a href="#">get it</a>
	RP-15	2002-03-29	5 . 2 . 0		<a href="#">get it</a>
	RP-16	2002-07-01	5 . 3 . 0		<a href="#">get it</a>
	RP-17	2002-10-02	5 . 4 . 0		<a href="#">get it</a>
	RP-18	2003-01-10	5 . 5 . 0		<a href="#">get it</a>
	RP-19	2003-04-04	5 . 6 . 0		<a href="#">get it</a>
	RP-20	2003-06-27	5 . 7 . 0		<a href="#">get it</a>
	RP-22	2004-01-23	5 . 8 . 0		<a href="#">get it</a>
	RP-25	2004-09-30	5 . 9 . 0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 445

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-29 5 . 0 . 0 [get it](#)

RP-16 2002-07-01 5 . 1 . 0 [get it](#)

RP-17 2002-10-02 5 . 2 . 0 [get it](#)

RP-18 2003-01-10 5 . 3 . 0 [get it](#)

RP-19 2003-04-04 5 . 4 . 0 [get it](#)

RP-22 2004-01-20 5 . 5 . 0 [get it](#)

RP-24 2004-06-24 5 . 6 . 0 [get it](#)

---

## TS 25.106 UTRA repeater radio transmission and reception

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new  
One

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-29 5 . 0 . 0 [get it](#)

RP-16 2002-07-01 5 . 1 . 0 [get it](#)

RP-17 2002-10-02 5 . 2 . 0 [get it](#)

RP-18 2003-01-10 5 . 3 . 0 [get it](#)

RP-19 2003-04-04 5 . 4 . 0 [get it](#)

RP-20 2003-06-27 5 . 5 . 0 [get it](#)

RP-21 2003-10-10 5 . 6 . 0 [get it](#)

RP-22 2004-01-20 5 . 7 . 0 [get it](#)

RP-24 2004-06-24 5 . 8 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 446

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5 . 0 . 0	<a href="#">get it</a>
edito	2002-04-19	5 . 0 . 1	<a href="#">get it</a>
RP-16	2002-07-01	5 . 1 . 0	<a href="#">get it</a>
RP-17	2002-10-02	5 . 2 . 0	<a href="#">get it</a>
RP-18	2003-01-10	5 . 3 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 4 . 0	<a href="#">get it</a>
RP-22	2004-01-23	5 . 5 . 0	<a href="#">get it</a>

---

## TS 25.123 Requirements for support of radio resource management (TDD)

Rel-5 *current version:* 5.10.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5 . 0 . 0	<a href="#">get it</a>
RP-16	2002-07-03	5 . 1 . 0	<a href="#">get it</a>
RP-17	2002-10-10	5 . 2 . 0	<a href="#">get it</a>
RP-18	2003-01-10	5 . 3 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 4 . 0	<a href="#">get it</a>
RP-20	2003-07-01	5 . 5 . 0	<a href="#">get it</a>
RP-21	2003-10-10	5 . 6 . 0	<a href="#">get it</a>
RP-22	2004-01-23	5 . 7 . 0	<a href="#">get it</a>
RP-23	2004-04-01	5 . 8 . 0	<a href="#">get it</a>
RP-24	2004-06-24	5 . 9 . 0	<a href="#">get it</a>
RP-25	2004-09-30	5 . 10 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 447

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.133 Requirements for support of radio resource management (FDD)

Rel-5 *current version:* 5.14.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-13	2001-10-10	5 . 0 . 0	<a href="#">get it</a>
RP-14	2002-01-17	5 . 1 . 0	<a href="#">get it</a>
RP-15	2002-03-29	5 . 2 . 0	<a href="#">get it</a>
RP-16	2002-07-04	5 . 3 . 0	<a href="#">get it</a>
RP-17	2002-10-04	5 . 4 . 0	<a href="#">get it</a>
RP-18	2003-01-10	5 . 5 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 6 . 0	<a href="#">get it</a>
RP-20	2003-07-02	5 . 7 . 0	<a href="#">get it</a>
RP-21	2003-10-10	5 . 8 . 0	<a href="#">get it</a>
RP-22	2004-01-23	5 . 9 . 0	<a href="#">get it</a>
RP-23	2004-04-01	5 . 10 . 0	<a href="#">get it</a>
RP-24	2004-06-24	5 . 11 . 0	<a href="#">get it</a>
RP-25	2004-09-30	5 . 12 . 0	<a href="#">get it</a>
RP-26	2005-01-06	5 . 13 . 0	<a href="#">get it</a>
RP-27	2005-04-01	5 . 14 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 448

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-5 *current version:* 5.9.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	RP-13	2001-10-03	5 . 0 . 0		<a href="#">get it</a>
	RP-14	2002-01-16	5 . 1 . 0		<a href="#">get it</a>
	RP-15	2002-04-02	5 . 2 . 0		<a href="#">get it</a>
	RP-16	2002-07-04	5 . 3 . 0		<a href="#">get it</a>
edito post	RP-16	2002-07-19	5 . 3 . 1	eliminate duplicate clause numbers	<a href="#">get it</a>
	RP-17	2002-10-04	5 . 4 . 0		<a href="#">get it</a>
	RP-18	2003-01-10	5 . 5 . 0		<a href="#">get it</a>
	RP-19	2003-04-04	5 . 6 . 0		<a href="#">get it</a>
	RP-20	2003-06-27	5 . 7 . 0		<a href="#">get it</a>
	RP-22	2004-01-23	5 . 8 . 0		<a href="#">get it</a>
	RP-25	2004-09-30	5 . 9 . 0		<a href="#">get it</a>

---

## TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-5 *current version:* 5.7.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	RP-15	2002-03-29	5 . 0 . 0		<a href="#">get it</a>
	RP-16	2002-07-04	5 . 1 . 0		<a href="#">get it</a>
	RP-17	2002-10-04	5 . 2 . 0		<a href="#">get it</a>
	RP-18	2003-01-10	5 . 3 . 0		<a href="#">get it</a>
	RP-19	2003-04-04	5 . 4 . 0		<a href="#">get it</a>
	RP-20	2003-06-27	5 . 5 . 0		<a href="#">get it</a>
	RP-22	2004-01-20	5 . 6 . 0		<a href="#">get it</a>
	RP-24	2004-06-24	5 . 7 . 0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 449

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.143 UTRA repeater conformance testing

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - An Andrew Company

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* Created by renumbering 25.107

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-07-03	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-02	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-10	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-10-10	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-20	5	.	7	.	0	<a href="#">get it</a>
RP-24	2004-06-24	5	.	8	.	0	<a href="#">get it</a>

---

## TS 25.201 Physical layer - general description

Rel-5 *current version:* 5.2.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 450

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	4	.	0	<a href="#">get it</a>
RP-21	2003-09-29	5	.	5	.	0	<a href="#">get it</a>
RP-25	2004-09-28	5	.	6	.	0	<a href="#">get it</a>

---

## TS 25.212 Multiplexing and channel coding (FDD)

Rel-5 *current version:* 5.9.0 *WG (prime / other):* R1 / - *rapporteur:* MICHEL, Jürgen SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-09-29	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-14	5	.	7	.	0	<a href="#">get it</a>
RP-23	2004-04-02	5	.	8	.	0	<a href="#">get it</a>
RP-24	2004-06-18	5	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 451

31 May 2005 21:13:53

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.213 Spreading and modulation (FDD)

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	3	.	0	<a href="#">get it</a>
RP-21	2003-09-29	5	.	4	.	0	<a href="#">get it</a>
RP-22	2004-01-14	5	.	5	.	0	<a href="#">get it</a>

---

## TS 25.214 Physical layer procedures (FDD)

Rel-5 *current version:* 5.10.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-09-29	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-14	5	.	7	.	0	<a href="#">get it</a>
RP-23	2004-04-02	5	.	8	.	0	<a href="#">get it</a>
RP-24	2004-06-18	5	.	9	.	0	<a href="#">get it</a>
RP-26	2005-01-05	5	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 452

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.215 Physical layer; Measurements (FDD)**

Rel-5 *current version:* 5.6.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* SUZUKI, Hidetoshi  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

Panasonic Mobile Communications Co.,Ltd.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	1	.	0	<a href="#">get it</a>
RP-18	2003-01-07	5	.	2	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	3	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	4	.	0	<a href="#">get it</a>
RP-21	2003-09-29	5	.	5	.	0	<a href="#">get it</a>
RP-27	2005-03-29	5	.	6	.	0	<a href="#">get it</a>

---

**TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)**

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* CHAPMAN, Thomas  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

SIEMENS AG

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 453

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.7.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin

IPWireless Inc.

*G:* *U:* yes

*MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5 . 0 . 0	<a href="#">get it</a>
RP-16	2002-06-28	5 . 1 . 0	<a href="#">get it</a>
RP-17	2002-09-27	5 . 2 . 0	<a href="#">get it</a>
editorial to correct clause numbers	2002-10-22	5 . 2 . 1	<a href="#">get it</a>
RP-18	2003-01-07	5 . 3 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 4 . 0	<a href="#">get it</a>
RP-20	2003-06-27	5 . 5 . 0	<a href="#">get it</a>
RP-22	2004-01-14	5 . 6 . 0	<a href="#">get it</a>
RP-25	2004-09-28	5 . 7 . 0	<a href="#">get it</a>

Minor problems implementing CRs. See  
readme file.

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## TS 25.223 Spreading and modulation (TDD)

Rel-5 *current version:* 5.3.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:*

ISHII, Yoshikazu

*G:* *U:* yes

*MCC:*

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5 . 0 . 0	<a href="#">get it</a>
RP-16	2002-06-28	5 . 1 . 0	<a href="#">get it</a>
RP-18	2003-01-07	5 . 2 . 0	<a href="#">get it</a>
RP-19	2003-04-04	5 . 3 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 454

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.8.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* RUDOLF, Marian  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-29	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>
editorial to correct clause numbers	2002-10-22	5	.	2	.	1	<a href="#">get it</a>
RP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-09-29	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-14	5	.	7	.	0	<a href="#">get it</a>
RP-25	2004-09-28	5	.	8	.	0	<a href="#">get it</a>

---

## TS 25.225 Physical layer; Measurements (TDD)

Rel-5 *current version:* 5.7.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* CZAPLA, Liliana  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-27	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-07	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
RP-22	2004-01-14	5	.	6	.	0	<a href="#">get it</a>
RP-23	2004-04-02	5	.	7	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 455

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.301 Radio interface protocol architecture

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* EKEMARK, Sven Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
RP-25	2004-09-23	5	.	3	.	0	<a href="#">get it</a>
RP-27	2005-03-24	5	.	4	.	0	<a href="#">get it</a>

---

## TS 25.302 Services provided by the physical layer

Rel-5 *current version:* 5.7.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
RP-18	2002-12-20	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-25	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-20	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-10-02	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-12	5	.	7	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 456

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.303 Interlayer procedures in Connected Mode**

Rel-5 *current version:* 5.2.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation

*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-19 5 . 0 . 0 [get it](#)

RP-16 2002-06-17 5 . 1 . 0 [get it](#)

RP-26 2004-12-23 5 . 2 . 0 [get it](#)

---

**TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode**

Rel-5 *current version:* 5.8.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* BARRETO, Luis NOKIA UK Ltd

*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-19 5 . 0 . 0 [get it](#)

RP-16 2002-06-17 5 . 1 . 0 [get it](#)

RP-18 2003-01-08 5 . 2 . 0 [get it](#)

RP-20 2003-06-25 5 . 3 . 0 [get it](#)

RP-23 2004-03-24 5 . 4 . 0 [get it](#)

RP-24 2004-06-17 5 . 5 . 0 [get it](#)

RP-25 2004-09-23 5 . 6 . 0 [get it](#)

RP-26 2004-12-23 5 . 7 . 0 [get it](#)

RP-27 2005-03-29 5 . 8 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 457

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2**

Rel-5 *current version:* 5.9.0

*WG (prime / other):* R2 / -

*rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

*freeze\_meeting:* RP-15

*G:* *U:* yes

*MCC:* ARZELIER, Claude

*remarks - general:* Created from 25.923

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	5	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	5	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-02	5	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-04	5	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-19	5	.	4	.	0	<a href="#">get it</a>
RP-19	2003-03-25	5	.	5	.	0	<a href="#">get it</a>
RP-20	2003-06-20	5	.	6	.	0	<a href="#">get it</a>
RP-21	2003-10-02	5	.	7	.	0	<a href="#">get it</a>
RP-22	2004-01-12	5	.	8	.	0	<a href="#">get it</a>
RP-24	2004-06-17	5	.	9	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 458

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.306 UE Radio Access capabilities definition

Rel-5 *current version:* 5.10.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:* Converted from TR 25.926 at TSG#10.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-08	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-25	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-20	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-10-02	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-12	5	.	7	.	0	<a href="#">get it</a>
RP-23	2004-03-24	5	.	8	.	0	<a href="#">get it</a>
RP-26	2005-01-04	5	.	9	.	0	<a href="#">get it</a>
RP-27	2005-03-24	5	.	10	.	0	<a href="#">get it</a>

---

## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

Rel-5 *current version:* 5.3.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

*remarks - this release:* Expect continual updates each time a new band is allowed.

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-22	2004-01-12	5	.	1	.	0	<a href="#">get it</a>
RP-23	2004-03-24	5	.	2	.	0	<a href="#">get it</a>
RP-25	2004-09-23	5	.	3	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 459

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2**

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* TS created from entrails of TR 25.855. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-13	2001-10-01	0	.	1	.	0	RP-010643 for approval	<a href="#">get it</a>
RP-13	2001-10-02	5	.	0	.	0		<a href="#">get it</a>
RP-14	2002-01-04	5	.	1	.	0		<a href="#">get it</a>
RP-15	2002-03-21	5	.	2	.	0		<a href="#">get it</a>
RP-18	2003-01-14	5	.	3	.	0		<a href="#">get it</a>
RP-19	2003-03-25	5	.	4	.	0		<a href="#">get it</a>
RP-23	2004-03-24	5	.	5	.	0		<a href="#">get it</a>
RP-25	2004-09-27	5	.	6	.	0		<a href="#">get it</a>
RP-26	2004-12-23	5	.	7	.	0		<a href="#">get it</a>

---

**TS 25.321 Medium Access Control (MAC) protocol specification**

Rel-5 *current version:* 5.10.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0		<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0		<a href="#">get it</a>
RP-17	2002-09-18	5	.	2	.	0		<a href="#">get it</a>
RP-18	2003-01-08	5	.	3	.	0		<a href="#">get it</a>
RP-19	2003-03-25	5	.	4	.	0		<a href="#">get it</a>
RP-20	2003-06-20	5	.	5	.	0		<a href="#">get it</a>
RP-21	2003-10-02	5	.	6	.	0		<a href="#">get it</a>
RP-22	2004-01-12	5	.	7	.	0		<a href="#">get it</a>
RP-23	2004-03-24	5	.	8	.	0		<a href="#">get it</a>
RP-24	2004-06-17	5	.	9	.	0		<a href="#">get it</a>
RP-26	2005-01-05	5	.	10	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 460

31 May 2005 21:13:54

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5 *current version:* 5.10.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier  
*G:* *U:* yes *MCC:* ARZELIER, Claude

Philips Research Laboratories

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-19	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-10	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-25	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-20	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-10-02	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-12	5	.	7	.	0	<a href="#">get it</a>
RP-24	2004-06-17	5	.	8	.	0	<a href="#">get it</a>
RP-26	2004-12-23	5	.	9	.	0	<a href="#">get it</a>
RP-27	2005-03-24	5	.	10	.	0	<a href="#">get it</a>

---

## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-5 *current version:* 5.3.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* HANS, Martin  
*G:* *U:* yes *MCC:* ARZELIER, Claude

INFINEON TECHNOLOGIES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
RP-27	2005-03-24	5	.	3	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 461

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.324 Broadcast/Multicast Control (BMC)**

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0	<a href="#">get it</a>
RP-18	2003-01-13	5	.	2	.	0	<a href="#">get it</a>
RP-19	2003-03-25	5	.	3	.	0	<a href="#">get it</a>
RP-24	2004-06-17	5	.	4	.	0	<a href="#">get it</a>
RP-26	2005-01-04	5	.	5	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 462

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version:* 5.12.1

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	RP-15	2002-04-04	5 . 0 . 0		<a href="#">get it</a>
	RP-16	2002-06-21	5 . 1 . 0		<a href="#">get it</a>
	RP-17	2002-10-01	5 . 2 . 0		<a href="#">get it</a>
	RP-18	2003-02-03	5 . 3 . 0		<a href="#">get it</a>
	RP-19	2003-03-27	5 . 4 . 0		<a href="#">get it</a>
	RP-20	2003-06-25	5 . 5 . 0		<a href="#">get it</a>
	RP-21	2003-10-02	5 . 6 . 0		<a href="#">get it</a>
	RP-22	2004-01-12	5 . 7 . 0		<a href="#">get it</a>
edito post	RP-22	2004-01-20	5 . 7 . 1	Some figures are not visible in these 2 documents. See figure 8.3.1-5 and 8.3.1-6, figures 8.3.1-8 to 8.3.1-10. There is an error message => Error! Objects cannot be created from editing field codes.	<a href="#">get it</a>
	RP-23	2004-03-29	5 . 8 . 0		<a href="#">get it</a>
	RP-24	2004-07-01	5 . 9 . 0		<a href="#">get it</a>
	RP-25	2004-09-27	5 . 10 . 0		<a href="#">get it</a>
	RP-26	2004-12-23	5 . 11 . 0		<a href="#">get it</a>
	RP-27	2005-03-24	5 . 12 . 0		<a href="#">get it</a>
	RP-27	2005-03-30	5 . 12 . 1	reinstates subclause accidentally deleted in 5.12.0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 463

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.401 UTRAN overall description**

Rel-5 *current version:* 5.9.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* Approval at TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-12	2001-07-06	5	.	0	.	0	<a href="#">get it</a>
RP-13	2001-10-12	5	.	1	.	0	<a href="#">get it</a>
RP-15	2002-04-02	5	.	2	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	3	.	0	<a href="#">get it</a>
RP-17	2002-09-30	5	.	4	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	5	.	0	<a href="#">get it</a>
RP-20	2003-06-17	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	7	.	0	<a href="#">get it</a>
RP-24	2004-06-23	5	.	8	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	9	.	0	<a href="#">get it</a>

---

**TS 25.402 Synchronization in UTRAN Stage 2**

Rel-5 *current version:* 5.3.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* New

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-20	2003-06-17	5	.	2	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 464

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* RP-15  
*remarks - general:* Approval at TSG#5

*WG (prime / other):* R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-25	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-30	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
RP-24	2004-06-18	5	.	4	.	0	<a href="#">get it</a>

---

## TS 25.411 UTRAN Iu interface layer 1

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-25	5	.	0	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	1	.	0	<a href="#">get it</a>

---

## TS 25.412 UTRAN Iu interface signalling transport

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-25	5	.	0	.	0	<a href="#">get it</a>
RP-17	2002-09-30	5	.	1	.	0	<a href="#">get it</a>
RP-26	2005-01-06	5	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 465

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-5 current version: 5.11.0

freeze\_meeting: RP-15

WG (prime / other): R3 / -

G: U: yes

rapporteur:

HUBER, Alois SIEMENS AG

MCC:

CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-07-05	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-11	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-26	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-17	5	.	5	.	0	<a href="#">get it</a>
RP-21	2003-09-30	5	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	7	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	8	.	0	<a href="#">get it</a>
RP-24	2004-06-21	5	.	9	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	10	.	0	<a href="#">get it</a>
RP-27	2005-04-01	5	.	11	.	0	<a href="#">get it</a>

---

## TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-5 current version: 5.7.0

freeze\_meeting: RP-15

WG (prime / other): R3 / -

G: U: yes

rapporteur:

ISRAELSSON, Martin Telefon AB LM Ericsson

MCC:

CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-30	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-26	5	.	4	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	5	.	0	<a href="#">get it</a>
RP-24	2004-06-18	5	.	6	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	7	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 466

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.415 UTRAN Iu interface user plane protocols

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-25	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-09-30	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	4	.	0	<a href="#">get it</a>
RP-27	2005-03-22	5	.	5	.	0	<a href="#">get it</a>

---

## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-5 *current version:* 5.7.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-15	2002-03-25	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-03	5	.	2	.	0	<a href="#">get it</a>
RP-19	2003-03-26	5	.	3	.	0	<a href="#">get it</a>
RP-20	2003-06-17	5	.	4	.	0	<a href="#">get it</a>
RP-21	2003-09-30	5	.	5	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	6	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 467

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-04-02 5 . 0 . 0  
RP-17 2002-10-03 5 . 1 . 0  
RP-24 2004-06-18 5 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

---

## TS 25.421 UTRAN Iur interface Layer 1

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-15 2002-03-25 5 . 0 . 0

[get it](#)

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## TS 25.422 UTRAN Iur interface signalling transport

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-04-02 5 . 0 . 0  
RP-17 2002-10-03 5 . 1 . 0

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 468

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-5 *current version:* 5.13.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* ERICSSON, Ingela Telefon AB LM Ericsson

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	RP-15	2002-04-02	5 . 0 . 0		<a href="#">get it</a>
	RP-16	2002-07-19	5 . 1 . 0	CRs needs PCG approval.	<a href="#">get it</a>
PCG post	RP-16	2002-08-06	5 . 2 . 0	One CR endorsed by PCG	<a href="#">get it</a>
	RP-17	2002-10-11	5 . 3 . 0		<a href="#">get it</a>
	RP-18	2003-01-03	5 . 4 . 0		<a href="#">get it</a>
	RP-19	2003-03-31	5 . 5 . 0		<a href="#">get it</a>
	RP-20	2003-06-17	5 . 6 . 0		<a href="#">get it</a>
	RP-21	2003-09-30	5 . 7 . 0		<a href="#">get it</a>
	RP-22	2004-01-22	5 . 8 . 0		<a href="#">get it</a>
	RP-23	2004-04-01	5 . 9 . 0		<a href="#">get it</a>
	RP-24	2004-06-23	5 . 10 . 0		<a href="#">get it</a>
	RP-25	2004-09-28	5 . 11 . 0		<a href="#">get it</a>
	RP-26	2005-01-06	5 . 12 . 0		<a href="#">get it</a>
	RP-27	2005-04-01	5 . 13 . 0		<a href="#">get it</a>

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## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

Rel-5 *current version:* 5.4.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	RP-15	2002-04-02	5 . 0 . 0		<a href="#">get it</a>
	RP-16	2002-06-28	5 . 1 . 0		<a href="#">get it</a>
	RP-21	2003-09-30	5 . 2 . 0		<a href="#">get it</a>
	RP-22	2004-01-13	5 . 3 . 0		<a href="#">get it</a>
	RP-23	2004-04-01	5 . 4 . 0		<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 469

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-03	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-26	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-17	5	.	5	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	6	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	7	.	0	<a href="#">get it</a>

---

## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-03	5	.	2	.	0	<a href="#">get it</a>
RP-21	2003-09-30	5	.	3	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	4	.	0	<a href="#">get it</a>
RP-24	2004-06-18	5	.	5	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 470

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* HAKULI, Tuomas NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-25	5	.	0	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	1	.	0	<a href="#">get it</a>
RP-21	2003-09-30	5	.	2	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	3	.	0	<a href="#">get it</a>
RP-27	2005-03-24	5	.	4	.	0	<a href="#">get it</a>

---

## TS 25.430 UTRAN Iub Interface: General Aspects and Principles

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-25	5	.	0	.	0	<a href="#">get it</a>
edito post RP-15		5	.	0	.	1	not produced
RP-16	2002-06-28	5	.	1	.	0	To include CR029r2 from RP-15 which was forgotten in v5.0.0. <a href="#">get it</a>
RP-17	2002-10-03	5	.	2	.	0	<a href="#">get it</a>
RP-24	2004-06-18	5	.	3	.	0	<a href="#">get it</a>
RP-25	2004-09-24	5	.	4	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 471

31 May 2005 21:13:55

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.431 UTRAN Iub interface Layer 1**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-25 5 . 0 . 0

[get it](#)

---

**TS 25.432 UTRAN Iub interface: signalling transport**

Rel-5 *current version:* 5.1.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-25 5 . 0 . 0

edito post RP-15 2002-04-03 5 . 0 . 1

RP-17 2002-10-03 5 . 1 . 0

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 472

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 *current version:* 5.12.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* SEHEDIC, Yann Nortel Networks Germany GmbH & Co. KG

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-04	5	.	0	.	0	2003-08-18: implementation error of CR609r1. Will be corrected RP-21.	<a href="#">get it</a>
RP-16	2002-07-19	5	.	1	.	0		<a href="#">get it</a>
RP-17	2002-10-11	5	.	2	.	0		<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0		<a href="#">get it</a>
RP-19	2003-03-31	5	.	4	.	0		<a href="#">get it</a>
RP-20	2003-06-17	5	.	5	.	0		<a href="#">get it</a>
RP-21	2003-10-02	5	.	6	.	0		<a href="#">get it</a>
RP-22	2004-01-22	5	.	7	.	0		<a href="#">get it</a>
RP-23	2004-04-01	5	.	8	.	0		<a href="#">get it</a>
RP-24	2004-06-23	5	.	9	.	0		<a href="#">get it</a>
RP-25	2004-09-28	5	.	10	.	0		<a href="#">get it</a>
RP-26	2005-01-06	5	.	11	.	0		<a href="#">get it</a>
RP-27	2005-04-01	5	.	12	.	0		<a href="#">get it</a>

---

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-5 *current version:* 5.4.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0		<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0		<a href="#">get it</a>
RP-21	2003-09-30	5	.	2	.	0		<a href="#">get it</a>
RP-22	2004-01-13	5	.	3	.	0		<a href="#">get it</a>
RP-23	2004-04-01	5	.	4	.	0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 473

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.435 UTRAN Iub interface user plane protocols for CCH data streams

Rel-5 *current version:* 5.7.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
RP-17	2002-10-03	5	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-26	5	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-17	5	.	5	.	0	<a href="#">get it</a>
RP-22	2004-01-13	5	.	6	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	7	.	0	<a href="#">get it</a>

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## TS 25.442 UTRAN implementation-specific O&M transport

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Alexander Indicate persons who left Company and wait for new One  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
edito post RP-15		5	.	0	.	1	(not supplied - use v5.0.0)
RP-17	2002-10-03	5	.	1	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 474

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.450 UTRAN Iu-CS interface general aspects and principles

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-12		2	.	0	.	0	RP-010400
RP-12	2001-07-05	5	.	0	.	0	
RP-14	2002-01-11	5	.	1	.	0	

[get it](#)  
[get it](#)

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## TS 25.451 UTRAN Iu-PS interface layer 1

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-12		2	.	0	.	0	RP-010401
RP-12	2001-07-05	5	.	0	.	0	
correction to	2002-04-24	5	.	0	.	1	

history table

[get it](#)  
[get it](#)

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## TS 25.452 UTRAN Iu-PS interface: signalling transport

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-13	2001-09-26	2	.	0	.	0	RP-010640
RP-13	2001-10-12	5	.	0	.	0	

[get it](#)  
[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 475

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.453 UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling

Rel-5 current version: 5.10.0

freeze\_meeting: RP-15

WG (prime / other): R3 /

G: U: yes

rappporteur: JOLLEY, Vincent

MCC:

QUALCOMM EUROPE S.A.R.L.

CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-12		2	.	0	.	0		RP-010402	
RP-12	2001-07-05	5	.	0	.	0			<a href="#">get it</a>
RP-13	2001-10-12	5	.	1	.	0			<a href="#">get it</a>
RP-14	2002-01-11	5	.	2	.	0			<a href="#">get it</a>
RP-15	2002-03-25	5	.	3	.	0			<a href="#">get it</a>
RP-16	2002-06-28	5	.	4	.	0			<a href="#">get it</a>
RP-19	2003-03-26	5	.	5	.	0			<a href="#">get it</a>
RP-20	2003-06-17	5	.	6	.	0			<a href="#">get it</a>
RP-21	2003-09-30	5	.	7	.	0			<a href="#">get it</a>
RP-22	2004-01-13	5	.	8	.	0			<a href="#">get it</a>
RP-23	2004-04-06	5	.	9	.	0			<a href="#">get it</a>
RP-27	2005-03-22	5	.	10	.	0			<a href="#">get it</a>

---

## TR 25.854 Uplink Synchronous Transmission Scheme (USTS)

Rel-5 current version: 5.0.0

freeze\_meeting: RP-15

WG (prime / other): R1 /

G: U: yes

rappporteur: KIM, Duk Kyung

MCC:

SK TELECOM

ISHII, Yoshikazu

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	1	.	0	.	0		RP-010428 at RP-12	
RP-13	2001-10-01	1	.	0	.	0		RP-010647	<a href="#">get it</a>
RP-14	2002-01-02	2	.	0	.	0		RP-010826	<a href="#">get it</a>
RP-14	2002-01-11	5	.	0	.	0			<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 476

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.858 Physical layer aspects of UTRA High Speed Downlink Packet Access**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R1 / - *rapporteur:* GHOSH, Amitabha Motorola Inc.  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* ISHII, Yoshikazu  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-14	2002-01-02	1	.	0	.	0	RP-010823	<a href="#">get it</a>
RP-15	2002-04-04	2	.	0	.	0	RP-020255	<a href="#">get it</a>
RP-15	2002-03-29	5	.	0	.	0		<a href="#">get it</a>

---

**TR 25.859 User Equipment (UE) positioning enhancements for 1,28 Mcps TDD**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* ARZELIER, Claude One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	0		
draft	2001-09-04	0	.	1	.	0		<a href="#">get it</a>
RP-13	2001-10-02	1	.	0	.	1	RP-010560	<a href="#">get it</a>
RP-15	2002-03-19	2	.	0	.	0	RP-020089	<a href="#">get it</a>
RP-15	2002-03-19	2	.	0	.	1	RP-020214	<a href="#">get it</a>
RP-15	2002-03-19	5	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 477

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.860 Radio access bearer support enhancements**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation

*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-19 1 . 0 . 0 RP-020087 [get it](#)

RP-16 2002-06-25 2 . 0 . 0 RP-020344 [get it](#)

RP-16 2002-06-17 5 . 0 . 0 [get it](#)

---

**TR 25.868 Node B synchronization for 1,28 Mcps TDD**

Rel-5 *current version:* 5.0.1

*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* HU, Jinling

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-13 2001-10-01 1 . 0 . 0 RP-010668 [get it](#)

RP-14 2002-01-02 1 . 1 . 0 RP-010898 [get it](#)

RP-15 2002-03-19 1 . 1 . 1 RP-020202 [get it](#)

RP-15 2002-03-29 5 . 0 . 0 [get it](#)

post RP-15 editorial 2002-04-15 5 . 0 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 478

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.870 Enhancement on the DSCH Hard Split mode**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / *rapporteur:* KIM, Jaeyoel

Samsung Electronics Ind. Co., Ltd.

*G:* *U:* yes

*MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-12 2001-06-28 0 . 1 . 0 RP-010420 [get it](#)

draft 2001-09-14 1 . 0 . 0 RP-010534 [get it](#)

RP-14 2002-01-02 1 . 1 . 0 RP-010841 [get it](#)

RP-15 2002-03-19 2 . 0 . 0 RP-020127 [get it](#)

RP-15 2002-03-29 5 . 0 . 0 [get it](#)

---

**TR 25.875 NAS node selector function**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc

*G:* *U:* yes

*MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 0 . 0 . 1 [get it](#)

RP-14 2002-01-02 1 . 0 . 0 RP-010881 [get it](#)

RP-15 2002-03-19 2 . 0 . 0 RP-020153 [get it](#)

RP-15 2002-03-25 5 . 0 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 479

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.877 High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:* DIESEN, Michael MOTOROLA Ltd  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2001-10-12	0	.	1	.	0		<a href="#">get it</a>
draft	2001-11-07	0	.	2	.	2		<a href="#">get it</a>
draft	2002-01-02	0	.	3	.	1		<a href="#">get it</a>
RP-15	2002-02-28	1	.	0	.	0	R3-020891 = RP-020157	<a href="#">get it</a>
RP-15	2002-02-28	2	.	0	.	0	R3-020892 = RP-020158	<a href="#">get it</a>
RP-15	2002-03-25	5	.	0	.	0		<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0		<a href="#">get it</a>

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**TR 25.878 RL timing adjustment**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:* VOLTOLINA, Elena Eva Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R3-23	2002-01-11	0	.	2	.	0	awaiting input from RAN1 & RAN2.	<a href="#">get it</a>
RP-15	2002-03-19	1	.	0	.	0	RP-020139	<a href="#">get it</a>
RP-15	2002-03-19	2	.	0	.	0	RP-020140	<a href="#">get it</a>
RP-15	2002-03-25	5	.	0	.	0		<a href="#">get it</a>
RP-16	2002-06-28	5	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 480

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.879 Separation of resource reservation and radio link activation**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:* VAN LIESHOUT, Gert-Jan SAMSUNG Electronics Research Institute

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R3-23		0	.	2	.	0	Status report in RP-010608.	
draft	2001-12-03	0	.	3	.	0		<a href="#">get it</a>
draft	2001-12-03	0	.	3	.	1		<a href="#">get it</a>
RP-15	2002-03-19	1	.	0	.	0	RP-020142	<a href="#">get it</a>
RP-15	2002-03-19	2	.	0	.	0	RP-020143	<a href="#">get it</a>
RP-15	2002-03-25	5	.	0	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 481

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.880 Re-arrangement of lub transport bearers

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* HAUTALA, Jari NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* 2003-01: title changed from "Traffic termination point swapping" some time ago. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0 . 0 . 1	
R3-21		0 . 0 . 2	
R3-21		0 . 1 . 0	RP-010609
R3-23		0 . 1 . 1	
R3-24		0 . 2 . 0	
draft		0 . 2 . 1	
R3-25		0 . 3 . 0	
draft	2002-01-11	0 . 3 . 0	<a href="#">get it</a>
draft		0 . 3 . 1	
R3-26		0 . 4 . 0	
draft		0 . 4 . 1	
draft		0 . 4 . 2	
R3-27		0 . 5 . 0	
draft		0 . 5 . 1	
RP-15	2002-03-19	1 . 0 . 0	RP-020145 <a href="#">get it</a>
RP-15	2002-03-19	2 . 0 . 0	RP-020146 <a href="#">get it</a>
RP-15	2002-03-25	5 . 0 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 482

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.881 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / *rapporteur:*  
G: U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R3-23		0	.	2	.	0	Status report in RP-010611	
draft		0	.	4	.	0		
draft		0	.	4	.	1	04/12/2001	
RP-14	2002-01-02	1	.	0	.	0	RP-010922	<a href="#">get it</a>
RP-14	2002-01-02	2	.	0	.	0	RP-010923	<a href="#">get it</a>
RP-14	2002-01-09	5	.	0	.	0		<a href="#">get it</a>

---

**TR 25.882 1,28 Mcps TDD option base station classification**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / *rapporteur:* MEYER, Juergen SIEMENS AG  
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-13	2001-10-01	1	.	0	.	0	RP-010645	<a href="#">get it</a>
RP-14	2002-01-02	1	.	1	.	0	RP-010810	<a href="#">get it</a>
RP-16	2002-06-25	2	.	0	.	0	RP-020353	<a href="#">get it</a>
RP-16	2002-07-03	5	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 483

31 May 2005 21:13:56

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.883 Direct Transport Bearers Between SRNC and Node-B**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-16

*WG (prime / other):* R3 / *rapporteur:* VAN LIESHOUT, Gert-Jan SAMSUNG Electronics Research Institute

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2001-12-03	0	.	2	.	0		<a href="#">get it</a>
RP-16	2002-06-25	1	.	0	.	0	RP-020392	<a href="#">get it</a>
RP-16	2002-06-25	2	.	0	.	0	RP-020393	<a href="#">get it</a>
RP-16	2002-06-25	2	.	0	.	1	RP-020452	<a href="#">get it</a>
RP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>

---

**TR 25.884 Iur Neighbouring cell reporting efficiency optimisation**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-16

*WG (prime / other):* R3 / *rapporteur:* VOLTOLINA, Elena Eva Telefon AB LM Ericsson

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* Previous rapporteur: Shahrokh Amirijoo.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

referred to at RP-13	2002-01-11	0	.	1	.	0	Status report in RP-010606	<a href="#">get it</a>
RP-15	2002-03-19	1	.	0	.	0	RP-020152	<a href="#">get it</a>
RP-15	2002-03-19	2	.	0	.	0	RP-020153	<a href="#">get it</a>
RP-15	2002-04-02	5	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 484

31 May 2005 21:13:57

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.921 Guidelines and principles for protocol description and error handling**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R2 / - *rapporteur:* BARRETO, Luis NOKIA UK Ltd  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-18	2003-01-13	5	.	1	.	0	<a href="#">get it</a>
RP-21	2003-10-02	5	.	2	.	0	<a href="#">get it</a>
RP-22	2004-01-12	5	.	3	.	0	<a href="#">get it</a>
RP-23	2004-03-26	5	.	4	.	0	<a href="#">get it</a>
RP-24	2004-06-17	5	.	5	.	0	<a href="#">get it</a>

---

**TR 25.922 Radio resource management strategies**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier Philips Research Laboratories  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-21	2003-10-02	5	.	1	.	0	<a href="#">get it</a>
RP-22	2004-01-12	5	.	2	.	0	<a href="#">get it</a>
RP-23	2004-03-24	5	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 485

31 May 2005 21:13:57

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-04-02 5 . 0 . 0  
RP-16 2002-06-28 5 . 1 . 0

[get it](#)

[get it](#)

---

## TR 25.933 IP transport in UTRAN

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon). 2004-11: WG Secretary indicates this will not need to be upgraded to Rel-6. 2004-11: confirmed by WG.

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-28 5 . 0 . 0  
RP-16 2002-06-28 5 . 1 . 0  
RP-17 2002-10-03 5 . 2 . 0  
RP-20 2003-06-17 5 . 3 . 0  
RP-22 2004-01-13 5 . 4 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TR 25.942 Radio Frequency (RF) system scenarios

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* Additional rapporteur = A.De Pasquale.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-04-02 5 . 0 . 0  
RP-16 2002-07-03 5 . 1 . 0  
RP-23 2004-04-01 5 . 2 . 0  
RP-24 2004-06-24 5 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 486

31 May 2005 21:13:57

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.943 Deployment aspects**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
edito	2002-05-03	5	.	0	.	1	<a href="#">get it</a>
RP-16	2002-07-03	5	.	1	.	0	<a href="#">get it</a>

---

**TR 25.952 RF requirements for low chip rate TDD option**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* ZHANG, Daijun  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15	2002-04-02	5	.	0	.	0	<a href="#">get it</a>
RP-23	2004-04-01	5	.	1	.	0	<a href="#">get it</a>

---

**TR 25.952 Base Station classification (TDD)**

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS CORPORATION  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* promoted from Rel-4 at RP-12.

*history (event, available, version, comments, hyperlink):*

RP-12		2	.	0	.	0	RP-010457	
RP-12	2001-06-29	5	.	0	.	0	<a href="#">get it</a>	
RP-16	2002-07-03	5	.	1	.	0	<a href="#">get it</a>	
RP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 487

31 May 2005 21:13:57

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.956 Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA S.A.  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* .

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-04-02 5 . 0 . 0

[get it](#)

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**TR 25.991 Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / *rapporteur:* MOSHAVI, Shimon INTEL CORPORATION SARL  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-14 2002-01-02 1 . 0 . 0 RP-010892  
RP-15 2002-03-19 2 . 0 . 0 RP-020121  
RP-15 2002-04-02 5 . 0 . 0  
RP-18 2003-01-10 5 . 1 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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**TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-15 G: U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* Pointer to latest release version.

*history (event, available, version, comments, hyperlink):*

RP-18 2003-01-13 5 . 0 . 0 Back creation from Rel-6 version  
RP-22 2004-01-12 5 . 1 . 0

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 488

31 May 2005 21:13:57

ACTIVE specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.994 Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults**  
Rel-5 *current version:* 0.0.0 DRAFT *WG (prime / other):* R2 / R1, *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* SP-15 R3, R4

*remarks - general:* RP-20: Primary responsibility moved from RP to R2. *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
RP-18 2003-01-06 0 . 0 . 0 RP-020880 [get it](#)

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**TR 25.995 Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface**  
Rel-5 *current version:* 0.0.1 DRAFT *WG (prime / other):* R2 / R1, *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* SP-15 R3, R4

*remarks - general:* RP-20: Primary responsibility moved from RP to R2. *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 1

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Rel-5 **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 489

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.071 AMR speech Codec; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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## TS 26.073 AMR speech Codec; C-source code

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)  
SP-19 2003-04-04 5 . 1 . 0 [get it](#)  
SP-21 2003-10-02 5 . 2 . 0 [get it](#) Note missing C-code line in CR which  
created this version has been corrected  
by WG Secretary.  
SP-23 2004-04-01 5 . 3 . 0 [get it](#)

---

## TS 26.074 AMR speech Codec; Test sequences

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 490

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.077 Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)  
correct spelling 2003-06-17 5 . 0 . 1 No SDO publication necessary [get it](#)  
mistake in title

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**TS 26.090 AMR speech Codec; Transcoding Functions**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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**TS 26.091 AMR speech Codec; Error concealment of lost frames**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 491

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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**TS 26.093 AMR speech Codec; Source Controlled Rate operation**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)  
SP-17 2002-09-24 5 . 1 . 0 [get it](#)  
SP-18 2003-01-03 5 . 2 . 0 [get it](#)

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**TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 492

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation  
*freeze\_meeting:* SP-16 G: U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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**TS 26.102 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-16 G: yes U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)  
SP-18 2003-01-03 5 . 1 . 0 [get it](#)  
SP-19 2003-04-04 5 . 2 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 493

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.103 Speech codec list for GSM and UMTS

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S4 / - *rapporteur:* HELLWIG, Karl

*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - general:* New after TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0 [get it](#)

SP-15 2002-03-28 5 . 1 . 0 [get it](#)

SP-16 2002-06-28 5 . 2 . 0 [get it](#)

SP-17 2002-09-24 5 . 3 . 0 [get it](#)

SP-18 2003-01-03 5 . 4 . 0 [get it](#)

SP-25 2004-09-30 5 . 5 . 0 [get it](#)

SP-26 2005-01-06 5 . 6 . 0 [get it](#)

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## TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec

Rel-5 *current version:* 5.4.0

*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino

*G: yes U: yes* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

SP-19 2003-04-04 5 . 1 . 0 [get it](#)

SP-20 2003-06-25 5 . 2 . 0 [get it](#)

SP-22 2004-01-06 5 . 3 . 0 [get it](#)

SP-23 2004-04-01 5 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 494

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.110 Codec for circuit switched multimedia telephony service; General description**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / -  
*G:* yes *U:* yes

*rapporteur:* ARONSON, Barry  
*MCC:* USAI, Paolino

TOSHIBA CO

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

**TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324**

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / -  
*G:* yes *U:* yes

*rapporteur:* ARONSON, Barry  
*MCC:* USAI, Paolino

TOSHIBA CO

*remarks - general:* CR at TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

SP-20 2003-06-25 5 . 1 . 0

[get it](#)

[get it](#)

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**TS 26.115 Echo control for speech and multimedia services**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / -  
*G:* *U:* yes

*rapporteur:* USAI, Paolino  
*MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 495

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian  
*G:* *U:* yes *MCC:* USAI, Paolino

TELLABS OPERATIONS INC.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	5	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-02	5	.	1	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	2	.	0	<a href="#">get it</a>

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## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian  
*G:* *U:* yes *MCC:* USAI, Paolino

TELLABS OPERATIONS INC.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	5	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-02	5	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-28	5	.	2	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	3	.	0	<a href="#">get it</a>
SP-21	2003-10-01	5	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 496

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.140 Multimedia Messaging Service (MMS); Media formats and codes

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / T2 *rapporteur:* CASTAGNO, Roberto NOKIA Corporation  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-02	1	.	0	.	0	SP-010695	<a href="#">get it</a>
SP-15	2002-03-19	2	.	0	.	0	SP-020075	<a href="#">get it</a>
SP-15	2002-03-28	5	.	0	.	0		<a href="#">get it</a>
SP-16	2002-06-28	5	.	1	.	0		<a href="#">get it</a>
SP-18	2003-01-03	5	.	2	.	0		<a href="#">get it</a>

---

## TS 26.171 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10		1	.	0	.	0		
SP-11	2001-04-10	5	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 497

31 May 2005 21:13:57

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.173 ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec

Rel-5 *current version:* 5.9.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* 2001-10-01: added "G" flag. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	5 . 0 . 0	<a href="#">get it</a>
SP-12	2001-06-27	5 . 1 . 0	<a href="#">get it</a>
edito	2001-06-27	5 . 1 . 1	<a href="#">get it</a>
SP-13	2001-10-02	5 . 2 . 0	<a href="#">get it</a>
SP-14	2002-01-09	5 . 3 . 0	<a href="#">get it</a>
SP-15	2002-03-28	5 . 4 . 0	<a href="#">get it</a>
SP-18	2003-01-03	5 . 5 . 0	<a href="#">get it</a>
SP-19	2003-04-04	5 . 6 . 0	<a href="#">get it</a>
SP-20	2003-06-25	5 . 7 . 0	<a href="#">get it</a>
SP-20	2003-06-27	5 . 7 . 1 Includes C-code!	<a href="#">get it</a>
SP-21	2003-10-01	5 . 8 . 0	<a href="#">get it</a>
SP-26	2005-01-06	5 . 9 . 0	<a href="#">get it</a>

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## TS 26.174 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	5 . 0 . 0	<a href="#">get it</a>
SP-12	2001-06-27	5 . 1 . 0	<a href="#">get it</a>
correction to test	2001-11-12	5 . 1 . 1	<a href="#">get it</a>
sequences			
SP-14	2002-01-09	5 . 2 . 0	<a href="#">get it</a>
SP-15	2002-03-28	5 . 3 . 0	<a href="#">get it</a>
SP-18	2003-01-03	5 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 498

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.190 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0  
SP-14 2002-01-09 5 . 1 . 0

[get it](#)

[get it](#)

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**TS 26.191 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0  
SP-15 2002-03-28 5 . 1 . 0

[get it](#)

[get it](#)

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**TS 26.192 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 499

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.193 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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**TS 26.194 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD)**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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**TS 26.201 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 500

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.202 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to lu, Uu and Nb**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		1	.	0	.	0	
SP-11	2001-08-02	2	.	0	.	0	SP-010091
SP-11	2001-04-10	5	.	0	.	0	
SP-17	2002-09-24	5	.	1	.	0	

[get it](#)  
[get it](#)  
[get it](#)

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**TS 26.204 Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S4 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15

*G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-02	1	.	0	.	0	SP-010693
SP-15	2002-03-19	2	.	0	.	0	SP-020073
SP-15	2002-03-28	5	.	0	.	0	
SP-19	2003-04-04	5	.	1	.	0	
SP-21	2003-10-01	5	.	2	.	0	
SP-26	2005-01-06	5	.	3	.	0	

[get it](#)  
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 501

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.226 Cellular text telephone modem; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text telephony (GTT);Transport of text in the voice channel". *remarks - this release:* TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

---

## TS 26.230 Cellular text telephone modem; Transmitter bit exact C-code

Rel-5 *current version:* 5.0.2 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text telephony (GTT); Cellular text telephone modem transmitter C-code description" to reflect document *remarks - this release:* TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

correct c-code 2001-05-29 5 . 0 . 1

[get it](#)

remove copyright 2004-07-27 5 . 0 . 2

[get it](#)

from C-code  
source files

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## TS 26.231 Cellular text telephone modem; Minimum performance requirements

Rel-5 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10 2000-12-21 1 . 0 . 0

[get it](#)

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

SP-13 2001-10-02 5 . 1 . 0

[get it](#)

SP-15 2002-03-28 5 . 2 . 0

[get it](#)

edito post SP-26 2005-01-18 5 . 2 . 1 TR -> TS on cover page

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 502

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.233 End-to-end transparent streaming service; General description**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri

*G:* *U:* yes *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15 2002-03-28 5 . 0 . 0

[get it](#)

---

**TS 26.234 Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs**

Rel-5 *current version:* 5.7.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle

*G:* *U:* yes *MCC:* USAI, Paolino

Nippon Ericsson K.K.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15 2002-03-28 5 . 0 . 0

[get it](#)

SP-16 2002-06-28 5 . 1 . 0

[get it](#)

SP-17 2002-09-24 5 . 2 . 0

[get it](#)

SP-18 2003-01-03 5 . 3 . 0

[get it](#)

SP-19 2003-04-04 5 . 4 . 0

[get it](#)

SP-20 2003-06-25 5 . 5 . 0

[get it](#)

SP-21 2003-10-01 5 . 6 . 0

[get it](#)

SP-27 2005-04-01 5 . 7 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 503

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* SP-12: transferred to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-27	5	.	0	.	0	based on v4.1.0	<a href="#">get it</a>
SP-15	2002-03-28	5	.	1	.	0		<a href="#">get it</a>

---

## TS 26.236 Packet switched conversational multimedia applications; Transport protocols

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-02	1	.	0	.	0	SP-010694	<a href="#">get it</a>
SP-15	2002-03-19	2	.	0	.	0	SP-020074	<a href="#">get it</a>
SP-15	2002-03-28	5	.	0	.	0		<a href="#">get it</a>
SP-18	2003-01-03	5	.	1	.	0		<a href="#">get it</a>
SP-19	2003-04-04	5	.	2	.	0		<a href="#">get it</a>
SP-20	2003-06-25	5	.	3	.	0		<a href="#">get it</a>
SP-21	2003-10-01	5	.	4	.	0		<a href="#">get it</a>
SP-24	2004-06-18	5	.	5	.	0		<a href="#">get it</a>
SP-27	2005-04-01	5	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 504

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* HAAVISTO, Petri Nokia Research Center  
*freeze\_meeting:* SP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
SP-19	2003-04-04	5	.	1	.	0		<a href="#">get it</a>

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**TR 26.937 Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VARSA, Viktor Nokia Telecommunications Inc.  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* 2003-01-14: WG Secretary reports that this TS should be approved at SP-19. SP-19: still under revision, anticipated for approval at SP-20.

*history (event, available, version, comments, hyperlink):*

S4-19	2002-01-16	0	.	1	.	0	S4-010679	<a href="#">get it</a>
SP-18	2003-01-03	1	.	2	.	0	SP-020683	<a href="#">get it</a>
draft	2003-04-04	1	.	4	.	0		<a href="#">get it</a>
S4-26	2003-06-17	1	.	5	.	0	S4-030369	<a href="#">get it</a>
SP-21	2003-09-29	2	.	0	.	0	SP-030443	<a href="#">get it</a>
SP-21	2003-10-08	5	.	0	.	0		<a href="#">get it</a>

---

**TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 505

31 May 2005 21:13:58

ACTIVE specs Rel-5 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec**

Rel-5      *current version:* 5.1.0      *WG (prime / other):* S4 / -      *rapporteur:* VAINIO, Janne      NOKIA Corporation  
*freeze\_meeting:* NP-16      G: yes    U: yes      *MCC:* USAI, Paolino  
*remarks - general:*      Cf 26.975.      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft			0	.	0	.	1		
SP-12	2001-06-27		0	.	3	.	0	SP-010302	<a href="#">get it</a>
SP-14	2002-01-02		0	.	6	.	0	SP-010692	<a href="#">get it</a>
SP-17	2002-09-24		1	.	0	.	0	SP-020432	<a href="#">get it</a>
SP-18	2003-01-16		2	.	0	.	0	SP-020682	<a href="#">get it</a>
SP-18	2003-01-03		5	.	0	.	0		<a href="#">get it</a>
SP-21	2003-10-01		5	.	1	.	0		<a href="#">get it</a>

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Rel-5      **27** .- series      Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 506

31 May 2005 21:13:58

ACTIVE specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-5 *current version:* 5.8.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5	.	0	.	0	<a href="#">get it</a>
NP-15	2002-03-20	5	.	1	.	0	<a href="#">get it</a>
NP-16	2002-06-24	5	.	2	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	3	.	0	<a href="#">get it</a>
NP-18	2003-01-09	5	.	4	.	0	<a href="#">get it</a>
NP-19	2003-03-27	5	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-25	5	.	6	.	0	<a href="#">get it</a>
NP-21	2003-10-01	5	.	7	.	0	<a href="#">get it</a>
NP-24	2004-06-18	5	.	8	.	0	<a href="#">get it</a>

---

## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 507

31 May 2005 21:13:58

ACTIVE specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14 2002-01-11 5 . 0 . 0 [get it](#)

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## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.0.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16 2002-06-25 5 . 0 . 0 [get it](#)  
edito post TP-26 2005-01-17 5 . 0 . 1 make figure 0.1 visible [get it](#)

---

## TS 27.007 AT command set for User Equipment (UE)

Rel-5 *current version:* 5.6.0 *WG (prime / other):* C1 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-14 2002-01-15 5 . 0 . 0 [get it](#)  
TP-15 2002-04-04 5 . 1 . 0 [get it](#)  
TP-18 2002-12-20 5 . 2 . 0 [get it](#)  
TP-19 2003-03-31 5 . 3 . 0 [get it](#)  
TP-21 2003-10-03 5 . 4 . 0 [get it](#)  
TP-26 2005-01-03 5 . 5 . 0 [get it](#)  
TP-27 2005-04-04 5 . 6 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 508

31 May 2005 21:13:58

ACTIVE specs Rel-5 27 .- series  
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## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* TP-15

*G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16 2002-06-26 5 . 0 . 0 [get it](#)

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## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

Rel-5 *current version:* 5.6.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* GPRSCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14 2002-01-11 5 . 0 . 0 [get it](#)  
NP-16 2002-06-24 5 . 1 . 0 [get it](#)  
NP-17 2002-09-17 5 . 2 . 0 [get it](#)  
NP-18 2003-01-09 5 . 3 . 0 [get it](#)  
NP-20 2003-06-23 5 . 4 . 0 [get it](#)  
NP-21 2003-10-01 5 . 5 . 0 [get it](#)  
NP-22 2004-01-13 5 . 6 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 509

31 May 2005 21:13:58

ACTIVE specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.103 Wide Area Network Synchronization

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* TP-27: Considering withdrawal of this document, but need to eliminate any references to it first. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* TP-26: Not to be upgraded to Rel-6.

*history (event, available, version, comments, hyperlink):*

TP-16 2002-06-26 5 . 0 . 0 [get it](#)

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## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* TP-15 *G: U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* TP-26: Not to be upgraded to Rel-6.

*history (event, available, version, comments, hyperlink):*

TP-16 2002-06-26 5 . 0 . 0 [get it](#)

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Rel-5 28 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 510

31 May 2005 21:13:58

ACTIVE specs Rel-5 28 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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**TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
SP-17	2002-09-24	5	.	2	.	0	<a href="#">get it</a>
SP-18	2003-01-03	5	.	3	.	0	<a href="#">get it</a>
SP-21	2003-10-03	5	.	4	.	0	<a href="#">get it</a>
SP-26	2005-01-06	5	.	5	.	0	<a href="#">get it</a>

Attachment TFO\_Decision C-Code has known errors. Anticipate CRs at SP-27.

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Rel-5 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 511

31 May 2005 21:13:58

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.002 Mobile Application Part (MAP) specification

Rel-5 *current version:* 5.10.0

*freeze\_meeting:* NP-15

*WG (prime / other):* C4 / -

*G:* yes *U:* yes

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-14	2002-01-18	5 . 0 . 0		<a href="#">get it</a>
NP-15	2002-04-04	5 . 1 . 0		<a href="#">get it</a>
NP-16	2002-06-21	5 . 2 . 0		<a href="#">get it</a>
NP-17	2002-09-24	5 . 3 . 0		<a href="#">get it</a>
NP-18	2003-01-09	5 . 4 . 0		<a href="#">get it</a>
NP-19	2003-04-04	5 . 5 . 0		<a href="#">get it</a>
NP-20	2003-07-04	5 . 6 . 0	delayed availability due to complexity of changes	<a href="#">get it</a>
Correct dangling connector in SDL	2003-07-07	5 . 6 . 1		<a href="#">get it</a>
Mention of some CRs had been omitted from change history table	2003-07-15	5 . 6 . 2		<a href="#">get it</a>
NP-21	2003-10-09	5 . 7 . 0		<a href="#">get it</a>
NP-22	2004-01-13	5 . 8 . 0		<a href="#">get it</a>
NP-23	2004-03-23	5 . 9 . 0		<a href="#">get it</a>
NP-24	2004-06-17	5 . 10 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 512

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone**

Rel-5 *current version:* 5.11.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5	.	0	.	0	<a href="#">get it</a>
NP-15	2002-03-20	5	.	1	.	0	<a href="#">get it</a>
NP-16	2002-06-28	5	.	2	.	0	<a href="#">get it</a>
NP-17	2002-09-17	5	.	3	.	0	<a href="#">get it</a>
NP-18	2003-01-09	5	.	4	.	0	<a href="#">get it</a>
NP-19	2003-03-27	5	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-23	5	.	6	.	0	<a href="#">get it</a>
NP-21	2003-10-01	5	.	7	.	0	<a href="#">get it</a>
NP-22	2004-01-22	5	.	8	.	0	<a href="#">get it</a>
NP-23	2004-03-22	5	.	9	.	0	<a href="#">get it</a>
NP-24	2004-06-18	5	.	10	.	0	<a href="#">get it</a>
NP-27	2005-04-01	5	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 513

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
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**TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
Rel-5 *current version: Procedures and the Mobile Application Part (MAP)* 5.7.0WG (*prime / other*): C4 /- *rapporteur:* KYMALAINEN, Kimmo  
TeliaSonera AB

*freeze\_meeting:* NP-15 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4 (transfer??)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-21	5 . 0 . 0	<a href="#">get it</a>
NP-17	2002-09-18	5 . 1 . 0	<a href="#">get it</a>
NP-18	2003-01-07	5 . 2 . 0	<a href="#">get it</a>
NP-20	2003-06-27	5 . 3 . 0	<a href="#">get it</a>
Implemented CR	2003-07-04	5 . 3 . 1	<a href="#">get it</a>
29.010-090 removed			
NP-21	2003-10-09	5 . 4 . 0	<a href="#">get it</a>
NP-22	2004-01-12	5 . 5 . 0	<a href="#">get it</a>
NP-23	2004-03-23	5 . 6 . 0	<a href="#">get it</a>
NP-25	2004-09-30	5 . 7 . 0	<a href="#">get it</a>

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**TS 29.011 Signalling Interworking for Supplementary Services**  
Rel-5 *current version: 5.0.0* WG (*prime / other*): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-25	5 . 0 . 0	<a href="#">get it</a>
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# 3GPP specification status

Page 514

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0 [get it](#)

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**TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-26 5 . 0 . 0 [get it](#)

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**TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14 2002-01-04 5 . 0 . 0 [get it](#)  
NP-15 2002-03-19 5 . 1 . 0 [get it](#)  
NP-16 2002-06-26 5 . 2 . 0 [get it](#)  
NP-18 2002-12-18 5 . 3 . 0 [get it](#)  
NP-20 2003-07-03 5 . 4 . 0 [get it](#)  
NP-21 2003-10-10 5 . 5 . 0 [get it](#)

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# 3GPP specification status

Page 515

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

Rel-5 *current version:* 5.13.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	NP-14	2002-01-11	5	.	0	.	0	<a href="#">get it</a>
NP-14	editorial	2002-01-18	5	.	0	.	1	<a href="#">get it</a>
	NP-15	2002-03-28	5	.	1	.	0	<a href="#">get it</a>
	NP-16	2002-06-21	5	.	2	.	0	<a href="#">get it</a>
	NP-17	2002-09-18	5	.	3	.	0	<a href="#">get it</a>
	NP-18	2003-01-07	5	.	4	.	0	<a href="#">get it</a>
	NP-19	2003-04-04	5	.	5	.	0	<a href="#">get it</a>
	NP-20	2003-06-27	5	.	6	.	0	<a href="#">get it</a>
	NP-21	2003-10-09	5	.	7	.	0	<a href="#">get it</a>
	NP-22	2004-01-12	5	.	8	.	0	<a href="#">get it</a>
	NP-23	2004-03-24	5	.	9	.	0	<a href="#">get it</a>
	NP-24	2004-06-15	5	.	10	.	0	<a href="#">get it</a>
	NP-25	2004-09-30	5	.	11	.	0	<a href="#">get it</a>
	NP-26	2005-01-07	5	.	12	.	0	<a href="#">get it</a>
	NP-27	2005-04-01	5	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 516

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson

*freeze\_meeting:* NP-17 *G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-16: some indications from N3 report that this spec should not be considered frozen yet. So change freeze date from March 2002 to Sept 2002.

*history (event, available, version, comments, hyperlink):*

	NP-14	2002-01-14	5	.	0	.	0		<a href="#">get it</a>
	NP-15	2002-03-20	5	.	1	.	0	NP-16: spec should not be considered as frozen; withdraw SDO publications?	<a href="#">get it</a>
	NP-16	2002-07-02	5	.	2	.	0		<a href="#">get it</a>
edito post	NP-16	2002-07-25	5	.	2	.	1		<a href="#">get it</a>
	NP-17	2002-09-17	5	.	3	.	0		<a href="#">get it</a>
	NP-18	2003-01-09	5	.	4	.	0		<a href="#">get it</a>
	NP-19	2003-03-27	5	.	5	.	0		<a href="#">get it</a>
	NP-20	2003-06-23	5	.	6	.	0		<a href="#">get it</a>
	NP-21	2003-10-01	5	.	7	.	0		<a href="#">get it</a>
	NP-22	2004-01-15	5	.	8	.	0		<a href="#">get it</a>
	NP-24	2004-06-18	5	.	9	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 517

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.078 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**  
Rel-5 *current version:* 5.9.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Phase 4

*history (event, available, version, comments, hyperlink):*

	NP-16	2002-06-18	5 . 0 . 0		<a href="#">get it</a>
	NP-17	2002-09-17	5 . 1 . 0		<a href="#">get it</a>
	NP-18	2002-12-18	5 . 2 . 0		<a href="#">get it</a>
	NP-19	2003-03-25	5 . 3 . 0		<a href="#">get it</a>
	NP-20	2003-06-25	5 . 4 . 0		<a href="#">get it</a>
	NP-21	2003-09-29	5 . 5 . 0		<a href="#">get it</a>
	NP-22	2004-01-05	5 . 6 . 0		<a href="#">get it</a>
edito post	NP-22	2004-01-22	5 . 6 . 1	Editorial corrections to ASN.1	<a href="#">get it</a>
	NP-23	2004-03-29	5 . 7 . 0		<a href="#">get it</a>
	NP-24	2004-06-17	5 . 8 . 0		<a href="#">get it</a>
	NP-25	2004-09-30	5 . 9 . 0		<a href="#">get it</a>

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**TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface**  
Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* TSG#8:Appeared as v2.0.0 (RP-000258) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	RP-15	2002-03-25	5 . 0 . 0		<a href="#">get it</a>
	RP-16	2002-06-28	5 . 1 . 0		<a href="#">get it</a>
	RP-18	2003-01-03	5 . 2 . 0		<a href="#">get it</a>
	RP-19	2003-03-26	5 . 3 . 0		<a href="#">get it</a>
	RP-24	2004-06-18	5 . 4 . 0		<a href="#">get it</a>

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# 3GPP specification status

Page 518

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
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**TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* AIKAWA, Shinichiro Fujitsu Limited  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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**TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0

[get it](#)

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# 3GPP specification status

Page 519

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

Rel-5      *current version:* 5.8.1      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-15      G:      U: yes      MCC:      ZOICAS, Adrian

*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
N5-22	2003-04-04	5	.	1	.	1	(Introduction, Reference Titles)	<a href="#">get it</a>
NP-20	2003-06-18	5	.	2	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	3	.	0		<a href="#">get it</a>
NP-22	2004-02-02	5	.	4	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	adds code attachments	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 520

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions

Rel-5 *current version:* 5.9.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	5 . 0 . 0		<a href="#">get it</a>
NP-17	2002-10-01	5 . 1 . 0		<a href="#">get it</a>
add missing	2002-10-09	5 . 1 . 1		<a href="#">get it</a>
attachments post				
NP-17				
NP-19	2003-04-04	5 . 2 . 0		<a href="#">get it</a>
NP-20	2003-06-18	5 . 3 . 0		<a href="#">get it</a>
NP-21	2003-09-30	5 . 4 . 0		<a href="#">get it</a>
NP-22	2004-01-30	5 . 5 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5 . 6 . 0		<a href="#">get it</a>
NP-24	2004-08-04	5 . 7 . 0		<a href="#">get it</a>
NP-25	2004-09-28	5 . 8 . 0		<a href="#">get it</a>
NP-26	2005-01-06	5 . 9 . 0		<a href="#">get it</a>
NP-26	2005-01-19	5 . 9 . 1	adds code attachments	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 521

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

Rel-5      *current version:* 5.9.1      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-16      G:      U: yes      MCC:      ZOICAS, Adrian

*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-07-05	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0		<a href="#">get it</a>
NP-22	2004-01-30	5	.	5	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	6	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	7	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	9	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	9	.	1	adds code attachments	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 522

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.198-04-1 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Call control common definitions**

Rel-5 *current version:* 5.8.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 G: U: yes MCC: ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	<a href="#">get it</a>

adds code attachments

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 523

31 May 2005 21:13:59

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-04-2 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control Service Capability Feature (SCF)

Rel-5 *current version:* 5.9.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.

*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0	<a href="#">get it</a>
NP-22	2004-01-30	5	.	5	.	0	<a href="#">get it</a>
							Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).
NP-23b	2004-04-19	5	.	6	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	7	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	9	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	9	.	1	adds code attachments <a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 524

31 May 2005 21:14:00

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## TS 29.198-04-3 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control Service Capability Feature (SCF)

Rel-5 *current version:* 5.9.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.

*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0	<a href="#">get it</a>
NP-22	2004-01-30	5	.	5	.	0	<a href="#">get it</a>
							Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).
NP-23b	2004-04-19	5	.	6	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	7	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	9	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	9	.	1	adds code attachments <a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 525

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-04-4 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)

Rel-5 *current version:* 5.9.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-07-19	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0		<a href="#">get it</a>
NP-22	2004-01-30	5	.	5	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	6	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	7	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	9	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	9	.	1	adds code attachments	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 526

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF)

Rel-5      *current version:* 5.9.1      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-15      G:      U: yes      MCC:      ZOICAS, Adrian

*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0		<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0		<a href="#">get it</a>
NP-22	2004-01-30	5	.	5	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	6	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	7	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0		<a href="#">get it</a>
NP-26	2005-01-06	5	.	9	.	0		<a href="#">get it</a>
NP-26	2005-01-19	5	.	9	.	1	adds code attachments	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 527

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)

Rel-5 *current version:* 5.7.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	3	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	4	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	5	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	6	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	7	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	7	.	1	adds code attachments <a href="#">get it</a>

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## TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF)

Rel-5 *current version:* 5.8.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-15	2002-03-27	5	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-26	5	.	1	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	2	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	adds code attachments <a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 528

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF)

Rel-5      *current version:* 5.8.1      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-15      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-18	5	.	3	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	4	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	8	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	8	.	1	<a href="#">get it</a> adds code attachments

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## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management Service Capability Feature (SCF)

Rel-5      *current version:* 5.7.1      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-15      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-07-05	5	.	0	.	0	<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	2	.	0	<a href="#">get it</a>
NP-21	2003-09-30	5	.	3	.	0	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	4	.	0	<a href="#">get it</a>
NP-24	2004-08-04	5	.	5	.	0	<a href="#">get it</a>
NP-25	2004-09-28	5	.	6	.	0	<a href="#">get it</a>
NP-26	2005-01-06	5	.	7	.	0	<a href="#">get it</a>
NP-26	2005-01-19	5	.	7	.	1	<a href="#">get it</a> adds code attachments

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 529

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF)

Rel-5 *current version:* 5.8.2 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 G: U: yes MCC: ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-07-05	5 . 0 . 0		<a href="#">get it</a>
NP-17	2002-10-01	5 . 1 . 0		<a href="#">get it</a>
NP-19	2003-04-04	5 . 2 . 0		<a href="#">get it</a>
NP-21	2003-09-30	5 . 3 . 0		<a href="#">get it</a>
NP-22	2004-01-30	5 . 4 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5 . 5 . 0		<a href="#">get it</a>
NP-24	2004-08-04	5 . 6 . 0		<a href="#">get it</a>
NP-25	2004-09-28	5 . 7 . 0		<a href="#">get it</a>
NP-26	2005-01-06	5 . 8 . 0		<a href="#">get it</a>
NP-26	2005-01-19	5 . 8 . 1	adds code attachments	<a href="#">get it</a>
NP-26	2005-01-25	5 . 8 . 2	updates history box	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 530

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-13 Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management Service Capability Feature (SCF)

Rel-5 *current version:* 5.6.1 *WG (prime / other):* C5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft	2002-01-29	0	.	0	.	1	N5-020036	<a href="#">get it</a>
draft	2002-04-22	1	.	0	.	0		<a href="#">get it</a>
NP-16	2002-05-31	2	.	0	.	0	NP-020195	<a href="#">get it</a>
NP-16	2002-06-17	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	2	.	0		<a href="#">get it</a>
NP-22	2004-01-30	5	.	3	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	4	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	5	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	6	.	0		<a href="#">get it</a>
edito post NP-26	2005-01-04	5	.	6	.	1		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 531

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.198-14 Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) Service Capability Feature (SCF)

Rel-5 *current version:* 5.7.1 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft	2002-04-22	1	.	0	.	0		<a href="#">get it</a>
NP-16	2002-05-31	2	.	0	.	0	NP-020196	<a href="#">get it</a>
NP-16	2002-06-17	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-10-01	5	.	1	.	0		<a href="#">get it</a>
NP-20	2003-06-18	5	.	2	.	0		<a href="#">get it</a>
NP-21	2003-09-30	5	.	3	.	0		<a href="#">get it</a>
NP-22	2004-01-30	5	.	4	.	0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	<a href="#">get it</a>
NP-23b	2004-04-19	5	.	5	.	0		<a href="#">get it</a>
NP-24	2004-08-04	5	.	6	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	7	.	0		<a href="#">get it</a>
edito post NP-26	2005-01-04	5	.	7	.	1		<a href="#">get it</a>

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## TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C4 / *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-25	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-09-18	5	.	1	.	0		<a href="#">get it</a>
NP-18	2003-01-07	5	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 532

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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**TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 G: U: yes MCC: KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-25	5	.	0	.	0		<a href="#">get it</a>
NP-20	2003-06-27	5	.	1	.	0		<a href="#">get it</a>

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**TS 29.207 Policy control over Go interface**

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-16 G: yes U: yes MCC: HAN, Seung Don

*remarks - general:* NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2001-11-08	0	.	2	.	0		<a href="#">get it</a>
draft	2002-01-14	0	.	5	.	0		<a href="#">get it</a>
draft	2002-02-18	0	.	6	.	0		<a href="#">get it</a>
NP-15	2002-03-19	1	.	0	.	0	NP-020078	<a href="#">get it</a>
draft	2002-04-18	1	.	1	.	0		<a href="#">get it</a>
NP-16	2002-06-26	2	.	0	.	0	NP-020167 (RFC ref needs cleaning up)	<a href="#">get it</a>
NP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-09-19	5	.	1	.	0		<a href="#">get it</a>
NP-18	2003-01-14	5	.	2	.	0		<a href="#">get it</a>
NP-19	2003-03-27	5	.	3	.	0		<a href="#">get it</a>
NP-20	2003-06-25	5	.	4	.	0		<a href="#">get it</a>
NP-21	2003-10-08	5	.	5	.	0		<a href="#">get it</a>
edito post	NP-21	2003-10-09	5	.	5	.	1	<a href="#">get it</a>
NP-22	2004-01-13	5	.	6	.	0		<a href="#">get it</a>
NP-23	2004-03-22	5	.	7	.	0		<a href="#">get it</a>
NP-24	2004-06-18	5	.	8	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	9	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 533

31 May 2005 21:14:00

ACTIVE specs Rel-5 29 .- series  
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## TS 29.208 End to end Quality of Service (QoS) signalling flows

Rel-5 *current version:* 5.9.0

*freeze\_meeting:* NP-16

*WG (prime / other):* C3 / *rapporteur:* SILLANPÄÄ, Anna

NOKIA Corporation

*G:* yes *U:* yes

*MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	draft	2001-11-08	0	.	1	.	0		<a href="#">get it</a>
	draft	2002-01-14	0	.	2	.	0		<a href="#">get it</a>
	draft	2002-02-18	0	.	3	.	1		<a href="#">get it</a>
	NP-15	2002-03-19	1	.	0	.	0	NP-020079	<a href="#">get it</a>
	draft	2002-04-18	1	.	1	.	0		<a href="#">get it</a>
	NP-16	2002-06-26	2	.	0	.	0	NP-020166	<a href="#">get it</a>
	NP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
	NP-17	2002-09-18	5	.	1	.	0		<a href="#">get it</a>
	NP-18	2003-01-09	5	.	2	.	0		<a href="#">get it</a>
	NP-19	2003-03-27	5	.	3	.	0		<a href="#">get it</a>
ediotiral post	NP-19	2003-04-09	5	.	3	.	1		<a href="#">get it</a>
	NP-20	2003-06-23	5	.	4	.	0		<a href="#">get it</a>
	NP-21	2003-10-08	5	.	5	.	0		<a href="#">get it</a>
edito post	NP-21	2003-10-09	5	.	5	.	1		<a href="#">get it</a>
	NP-22	2004-01-22	5	.	6	.	0		<a href="#">get it</a>
	NP-23	2004-03-22	5	.	7	.	0		<a href="#">get it</a>
	NP-24	2004-06-18	5	.	8	.	0		<a href="#">get it</a>
	NP-26	2005-01-07	5	.	9	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 534

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

Rel-5 *current version:* 5.11.0 *WG (prime / other):* C4 / *rapporteur:* BLANCO, German Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Additional rapporteur: Miguel-Angel Pallares-LopezCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-12	2001-07-04	0	.	1	.	0	NP-010303	<a href="#">get it</a>
N4-08		0	.	2	.	0	N4-010697	
N4-09		0	.	3	.	0	N4-010837	
N4-11		0	.	4	.	0	N4-011295	
draft		0	.	5	.	0	N4-01407	
NP-14	2002-01-02	1	.	0	.	0	NP-010627	<a href="#">get it</a>
draft	2002-03-28	1	.	1	.	0		<a href="#">get it</a>
NP-16	2002-06-25	2	.	0	.	0	NP-020264	<a href="#">get it</a>
NP-16	2002-06-25	5	.	0	.	0		<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0		<a href="#">get it</a>
NP-18	2003-01-07	5	.	2	.	0		<a href="#">get it</a>
NP-19	2003-04-07	5	.	3	.	0		<a href="#">get it</a>
NP-20	2003-06-27	5	.	4	.	0		<a href="#">get it</a>
NP-21	2003-10-09	5	.	5	.	0		<a href="#">get it</a>
NP-22	2004-01-12	5	.	6	.	0		<a href="#">get it</a>
NP-23	2004-03-24	5	.	7	.	0		<a href="#">get it</a>
NP-24	2004-06-15	5	.	8	.	0		<a href="#">get it</a>
NP-25	2004-09-28	5	.	9	.	0		<a href="#">get it</a>
NP-26	2004-12-23	5	.	10	.	0		<a href="#">get it</a>
NP-27	2005-04-01	5	.	11	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 535

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
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## TS 29.229 Cx and Dx interfaces based on the Diameter protocol; Protocol details

Rel-5 *current version:* 5.10.0 *WG (prime / other):* C4 / - *rapporteur:* BLANCO, German Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2nd rapporteur: CZOMA, Balazs.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

N4-09		0	.	1	.	0		N4-010932	
N4-10		0	.	2	.	0		N4-011064	
N4-11		0	.	3	.	0		N4-011296	
N4-11		0	.	4	.	0		N4-011408	
NP-14	2002-01-02	1	.	0	.	0		NP-010628	<a href="#">get it</a>
draft	2002-03-28	1	.	1	.	0			<a href="#">get it</a>
NP-16	2002-06-26	2	.	0	.	0		NP-020265	<a href="#">get it</a>
NP-16	2002-06-25	5	.	0	.	0			<a href="#">get it</a>
NP-17	2002-09-18	5	.	1	.	0			<a href="#">get it</a>
NP-18	2003-01-07	5	.	2	.	0			<a href="#">get it</a>
NP-19	2003-04-07	5	.	3	.	0			<a href="#">get it</a>
NP-20	2003-06-27	5	.	4	.	0			<a href="#">get it</a>
NP-21	2003-10-10	5	.	5	.	0			<a href="#">get it</a>
NP-22	2004-01-12	5	.	6	.	0			<a href="#">get it</a>
NP-24	2004-06-15	5	.	7	.	0			<a href="#">get it</a>
NP-25	2004-09-28	5	.	8	.	0			<a href="#">get it</a>
NP-26	2004-12-23	5	.	9	.	0			<a href="#">get it</a>
NP-27	2005-04-01	5	.	10	.	0			<a href="#">get it</a>

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# 3GPP specification status

Page 536

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

Rel-5 *current version:* 5.10.0 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* NP-15

*G:* U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.ITCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5	.	0	.	0	<a href="#">get it</a>
NP-14 editorial	2002-01-18	5	.	0	.	1	<a href="#">get it</a>
NP-15	2002-03-28	5	.	1	.	0	<a href="#">get it</a>
NP-16	2002-06-21	5	.	2	.	0	<a href="#">get it</a>
NP-17	2002-09-18	5	.	3	.	0	<a href="#">get it</a>
NP-18	2003-01-07	5	.	4	.	0	<a href="#">get it</a>
NP-19	2003-04-04	5	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-27	5	.	6	.	0	<a href="#">get it</a>
NP-23	2004-03-23	5	.	7	.	0	<a href="#">get it</a>
NP-25	2004-09-30	5	.	8	.	0	<a href="#">get it</a>
NP-26	2004-12-23	5	.	9	.	0	<a href="#">get it</a>
NP-27	2005-04-01	5	.	10	.	0	<a href="#">get it</a>

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## TS 29.278 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-18 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-16 Existence hinted at in N2 report. Draft believed to have been seen at N2. NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.

### *history (event, available, version, comments, hyperlink):*

N2-25		0	.	1	.	0	
NP-17	2002-09-24	2	.	0	.	0	NP-020349 <a href="#">get it</a>
NP-17	2002-09-17	5	.	0	.	0	<a href="#">get it</a>
NP-18	2003-01-10	5	.	1	.	0	<a href="#">get it</a>
NP-19	2003-03-25	5	.	2	.	0	<a href="#">get it</a>
NP-25	2004-09-30	5	.	3	.	0	<a href="#">get it</a>
NP-27	2005-04-01	5	.	4	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 537

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.328 IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-21: Title changed to include Dh interface as well as Sh.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	2 . 0 . 0	NP-020277	<a href="#">get it</a>
NP-16	2002-06-25	5 . 0 . 0		<a href="#">get it</a>
NP-17	2002-09-18	5 . 1 . 0		<a href="#">get it</a>
NP-18	2003-01-07	5 . 2 . 0		<a href="#">get it</a>
edito to replace lost annex E post NP-18	2003-01-08	5 . 2 . 1		<a href="#">get it</a>
NP-19	2003-04-07	5 . 3 . 0		<a href="#">get it</a>
attached XSD file	2003-04-25	5 . 3 . 1		<a href="#">get it</a>
attached correct XSD file	2003-04-29	5 . 3 . 2	Says WG Secretary: nobody's perfect - except Bo Derek	<a href="#">get it</a>
NP-20	2003-06-27	5 . 4 . 0		<a href="#">get it</a>
NP-21	2003-10-09	5 . 5 . 0		<a href="#">get it</a>
NP-22	2004-01-12	5 . 6 . 0		<a href="#">get it</a>
NP-23	2004-03-24	5 . 7 . 0		<a href="#">get it</a>
NP-26	2004-12-23	5 . 8 . 0		<a href="#">get it</a>
NP-27	2005-04-01	5 . 9 . 0		<a href="#">get it</a>

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# 3GPP specification status

Page 538

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.329 Sh interface based on the Diameter protocol

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	2 . 0 . 1	NP-020266	<a href="#">get it</a>
NP-16	2002-06-25	5 . 0 . 0		<a href="#">get it</a>
NP-17	2002-09-17	5 . 1 . 0		<a href="#">get it</a>
NP-18	2003-01-07	5 . 2 . 0		<a href="#">get it</a>
NP-19	2003-04-07	5 . 3 . 0		<a href="#">get it</a>
NP-20	2003-06-27	5 . 4 . 0		<a href="#">get it</a>
NP-22	2004-01-12	5 . 4 . 1	updates application IDs for Cx/Sh allocated by IANA	<a href="#">get it</a>
NP-23	2004-03-24	5 . 5 . 0		<a href="#">get it</a>
NP-24	2004-06-15	5 . 6 . 0		<a href="#">get it</a>
NP-25	2004-09-28	5 . 7 . 0		<a href="#">get it</a>
NP-26	2004-12-23	5 . 8 . 0		<a href="#">get it</a>
NP-27	2005-04-01	5 . 9 . 0		<a href="#">get it</a>

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## TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-15	2002-03-20	5 . 0 . 0		<a href="#">get it</a>
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# 3GPP specification status

Page 539

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
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## TS 29.415 Core network Nb interface user plane protocols

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15	2002-03-20	5	.	0	.	0		<a href="#">get it</a>
NP-19	2003-03-27	5	.	1	.	0		<a href="#">get it</a>

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## TR 29.903 Feasibility Study on SS7 signalling transport in the core network with SCCP-User Adaptation (SUA) layer

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Supersedes 29.203.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-11:creation Supersedes 29.203

*history (event, available, version, comments, hyperlink):*

				0	.	0	.	1	2001-03		
NP-12	2001-07-04	0	.	1	.	0			NP-010361	<a href="#">get it</a>	
N4-08		0	.	1	.	1					
N4-09		0	.	2	.	0					
N4-10		0	.	3	.	0					
N4-10		0	.	3	.	1					
NP-14	2002-01-02	2	.	0	.	0			NP-010633	<a href="#">get it</a>	
NP-14	2002-01-10	5	.	0	.	0				<a href="#">get it</a>	

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# 3GPP specification status

Page 540

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
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**TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* C1 / RP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-15

*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-26 5 . 0 . 0 [get it](#)  
edito post NP-18 2002-12-16 5 . 0 . 1 minor editorials to change style from TS to [get it](#)  
TR.

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**TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0 [get it](#)

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**TR 29.998-04-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 541

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
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**TR 29.998-04-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC**

Rel-5 *current version:* 5.0.3 *WG (prime / other):* C5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* Evidence for existence unearthed in N5-020143.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-15: Was originally Rel-6, but moved to Rel 5.

*history (event, available, version, comments, hyperlink):*

draft	2002-02-19	0	.	2	.	1		N5-020084	<a href="#">get it</a>
draft	2002-04-22	1	.	0	.	0			<a href="#">get it</a>
NP-16	2002-05-31	2	.	0	.	0		NP-020198 (RFC nos. to be corrected.)	<a href="#">get it</a>
NP-16	2002-06-20	5	.	0	.	0			<a href="#">get it</a>
edito post	NP-23	2004-03-29	5	.	0	.	1	updates IETF references	<a href="#">get it</a>
edito	2004-04-27	5	.	0	.	2		Updated reference to use RFC number.	<a href="#">get it</a>
edito post	NP-24	2004-06-24	5	.	0	.	3	RFC no.	<a href="#">get it</a>

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**TR 29.998-05-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-20	5	.	0	.	0			<a href="#">get it</a>
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**TR 29.998-05-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-20	5	.	0	.	0			<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 542

31 May 2005 21:14:01

ACTIVE specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

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**TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

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Rel-5 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP) in Phase 2+**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series.CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19 2003-04-07 5 . 0 . 1 Technically identical to 30.002 v5.0.0.

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 543

31 May 2005 21:14:01

ACTIVE specs Rel-5 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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Rel-5 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.048 Security mechanisms for the (U)SIM application toolkit; Test specification**

Rel-5 *current version:* 5.0.4 *WG (prime / other):* C6 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.  
*freeze\_meeting:* TP-21 *G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* Test spec for 23.048.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-26: No promotion to Rel-6 because 23.048 not promoted.

*history (event, available, version, comments, hyperlink):*

T3-33		1	.	0	.	0	
TP-25	2004-09-20	1	.	0	.	1	<a href="#">TP-040191</a>
TP-26	2004-12-21	2	.	0	.	0	<a href="#">TP-040272</a>
TP-26	2005-01-03	5	.	0	.	0	<a href="#">TP-040272</a>
edito post	TP-26	2005-01-10	5	.	0	.	<a href="#">TP-040272</a>

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**TS 31.101 UICC-terminal interface; Physical and logical characteristics**

Rel-5 *current version:* 5.2.1 *WG (prime / other):* C6 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* TP-17 *G: U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* Contents is a reference to ETSI TR 102 221.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.

*history (event, available, version, comments, hyperlink):*

TP-17	2002-09-18	5	.	0	.	0	<a href="#">TP-17</a>
TP-18	2003-01-02	5	.	1	.	0	<a href="#">TP-18</a>
TP-26	2005-01-03	5	.	2	.	0	<a href="#">TP-18</a>
edito post	TP-26	2005-01-06	5	.	2	.	<a href="#">TP-18</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 544

31 May 2005 21:14:01

ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.102 Characteristics of the USIM application

Rel-5 *current version:* 5.12.0

*freeze\_meeting:* TP-15

*WG (prime / other):* C6 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.

*G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
TP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
TP-17	2002-09-25	5	.	2	.	0	<a href="#">get it</a>
TP-18	2003-01-02	5	.	3	.	0	<a href="#">get it</a>
TP-19	2003-04-01	5	.	4	.	0	<a href="#">get it</a>
TP-20	2003-06-23	5	.	5	.	0	<a href="#">get it</a>
TP-21	2003-09-30	5	.	6	.	0	<a href="#">get it</a>
TP-22	2004-01-12	5	.	7	.	0	<a href="#">get it</a>
TP-23	2004-03-25	5	.	8	.	0	<a href="#">get it</a>
TP-24	2004-06-15	5	.	9	.	0	<a href="#">get it</a>
TP-25	2004-09-27	5	.	10	.	0	<a href="#">get it</a>
TP-26	2005-01-06	5	.	11	.	0	<a href="#">get it</a>
TP-27	2005-03-24	5	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 545

31 May 2005 21:14:02

ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application**

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C6 / *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* TP-16 *G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* 2004-05-07:additional rapporteur: Peter Vestergaad.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16	2002-06-26	1	.	0	.	0	TP-020124	<a href="#">get it</a>
TP-16	2002-06-28	5	.	0	.	0		<a href="#">get it</a>
TP-17	2002-09-25	5	.	1	.	0		<a href="#">get it</a>
TP-18	2003-01-02	5	.	2	.	0		<a href="#">get it</a>
TP-19	2003-03-26	5	.	3	.	0		<a href="#">get it</a>
TP-20	2003-06-23	5	.	4	.	0		<a href="#">get it</a>
TP-22	2004-01-12	5	.	5	.	0		<a href="#">get it</a>
TP-23	2004-03-25	5	.	6	.	0		<a href="#">get it</a>
TP-25	2004-09-28	5	.	7	.	0		<a href="#">get it</a>
TP-26	2005-01-03	5	.	8	.	0		<a href="#">get it</a>
TP-27	2005-03-24	5	.	9	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 546

31 May 2005 21:14:02

ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-5 *current version:* 5.9.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* TP-15 *G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-15	2002-03-28	5	.	0	.	0	<a href="#">get it</a>
TP-16	2002-06-28	5	.	1	.	0	<a href="#">get it</a>
TP-17	2002-09-18	5	.	2	.	0	<a href="#">get it</a>
TP-18	2003-01-02	5	.	3	.	0	<a href="#">get it</a>
TP-19	2003-04-04	5	.	4	.	0	<a href="#">get it</a>
TP-21	2003-09-29	5	.	5	.	0	<a href="#">get it</a>
TP-22	2004-01-12	5	.	6	.	0	<a href="#">get it</a>
TP-25	2004-09-28	5	.	7	.	0	<a href="#">get it</a>
TP-26	2005-01-03	5	.	8	.	0	<a href="#">get it</a>
TP-27	2005-03-24	5	.	9	.	0	<a href="#">get it</a>

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## TS 31.112 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C6 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* TP-15 *G: U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:* started life as Rel-4 draft, but ran out of time so ended up Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-09	1	.	0	.	0	<a href="#">get it</a>
TP-13	2001-10-12	2	.	0	.	0	<a href="#">get it</a>
TP-13	2001-10-12	5	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-14	5	.	1	.	0	<a href="#">get it</a>
TP-16	2002-06-19	5	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 547

31 May 2005 21:14:02

ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.113 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes**  
Rel-5 *current version:* 5.6.0 *WG (prime / other):* C6 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* TP-15 One  
*G:* U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* started life as Rel-4 draft, but ran out of time so ended up Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-09	1	.	0	.	0		<a href="#">get it</a>
TP-13	2001-10-12	2	.	0	.	0	TP-010208	<a href="#">get it</a>
TP-13	2001-10-12	5	.	0	.	0		<a href="#">get it</a>
TP-14	2002-01-14	5	.	1	.	0		<a href="#">get it</a>
TP-15	2002-03-28	5	.	2	.	0		<a href="#">get it</a>
TP-16	2002-06-19	5	.	3	.	0		<a href="#">get it</a>
TP-17	2002-09-25	5	.	4	.	0		<a href="#">get it</a>
TP-19	2003-03-26	5	.	5	.	0		<a href="#">get it</a>
TP-26	2005-01-07	5	.	6	.	0		<a href="#">get it</a>

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**TS 31.114 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* C6 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* TP-15 *G:* U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-14	2002-01-02	1	.	0	.	0	TP-010248	<a href="#">get it</a>
TP-15	2002-03-19	1	.	5	.	1	TP-020030	<a href="#">get it</a>
TP-15	2002-03-19	2	.	0	.	0	TP-020077	<a href="#">get it</a>
TP-15	2002-03-28	5	.	0	.	0		<a href="#">get it</a>
TP-16	2002-06-19	5	.	1	.	0		<a href="#">get it</a>
TP-17	2002-09-25	5	.	2	.	0		<a href="#">get it</a>
TP-19	2003-03-26	5	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 548

31 May 2005 21:14:02

ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C6 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCPCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-06 5 . 0 . 0

[get it](#)

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## TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C6 / - *rapporteur:* WILLENBRINK, Udo Orga Test Systems Gmbh  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* based on R99 core spec; split into 2 parts (this is 2)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2003-07-15 (Dietze): It is the intention that a Rel-5 be created - eventually. TP-24: Creation postponed to T3 AdHoc mtg. T3 needs guidance T on whether EF\_KC has to be stored on the USIM when accessing a GERAN.

*history (event, available, version, comments, hyperlink):*

TP-26 2005-01-05 5 . 0 . 0

[get it](#)

editorial post TP-26 5 . 0 . 1 Remove surplus frames, reformat

TP-27 2005-03-24 5 . 1 . 0

[get it](#)

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## TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-5 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
*freeze\_meeting:* *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split into two partsCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 549

31 May 2005 21:14:02

ACTIVE specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.124 Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification**

Rel-5 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* G: U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Pointer to latest Release.

*history (event, available, version, comments, hyperlink):*

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Rel-5 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.101 Telecommunication management; Principles and high level requirements**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-15 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-18	5	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-06	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-03-31	5	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-18	5	.	4	.	0	<a href="#">get it</a>
SP-21	2003-10-02	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 550

31 May 2005 21:14:02

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.6.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*G:* U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5 . 0 . 0	<a href="#">get it</a>
SP-17	2002-09-18	5 . 1 . 0	<a href="#">get it</a>
SP-18	2003-01-06	5 . 2 . 0	<a href="#">get it</a>
SP-19	2003-03-31	5 . 3 . 0	<a href="#">get it</a>
SP-21	2003-10-03	5 . 4 . 0	<a href="#">get it</a>
SP-22	2004-01-05	5 . 5 . 0	<a href="#">get it</a>
post SP-22 edito	2004-01-13	5 . 5 . 1	<a href="#">get it</a>
SP-23	2004-03-23	5 . 6 . 0	<a href="#">get it</a>

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## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-5 *current version:* 5.1.1  
*freeze\_meeting:* SP-15

*WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5 . 0 . 0	<a href="#">get it</a>
SP-17	2002-09-18	5 . 1 . 0	<a href="#">get it</a>
edito (layout and references)	2003-01-07	5 . 1 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 551

31 May 2005 21:14:02

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)**

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-20	5	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-09	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-03-31	5	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	4	.	0	<a href="#">get it</a>
SP-26	2005-01-04	5	.	5	.	0	<a href="#">get it</a>
SP-27	2005-03-30	5	.	6	.	0	<a href="#">get it</a>

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**TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>
SP-17	2002-10-08	5	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-09	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-04-01	5	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	4	.	0	<a href="#">get it</a>
SP-22	2004-01-05	5	.	5	.	0	<a href="#">get it</a>
post SP-22 edito	2004-01-13	5	.	5	.	1	<a href="#">get it</a>
SP-27	2005-03-30	5	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 552

31 May 2005 21:14:02

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-5 *current version:* 5.9.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-20	5	.	1	.	0	<a href="#">get it</a>
SP-17	2002-09-20	5	.	2	.	0	<a href="#">get it</a>
SP-18	2003-01-09	5	.	3	.	0	<a href="#">get it</a>
SP-19	2003-04-01	5	.	4	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	5	.	0	<a href="#">get it</a>
SP-21	2003-10-02	5	.	6	.	0	<a href="#">get it</a>
SP-22	2004-01-05	5	.	7	.	0	<a href="#">get it</a>
post SP-22 edito	2004-01-13	5	.	7	.	1	<a href="#">get it</a>
SP-25	2004-09-23	5	.	8	.	0	<a href="#">get it</a>
SP-27	2005-03-30	5	.	9	.	0	<a href="#">get it</a>

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## TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-20	5	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-06	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-04-02	5	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	4	.	0	<a href="#">get it</a>
SP-21	2003-10-02	5	.	5	.	0	<a href="#">get it</a>
SP-23	2004-03-25	5	.	6	.	0	<a href="#">get it</a>
SP-24	2004-06-15	5	.	7	.	0	<a href="#">get it</a>
SP-27	2005-03-30	5	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 553

31 May 2005 21:14:02

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain**

Rel-5 *current version:* 5.9.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-15 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-27	5	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-20	5	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-09	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-04-02	5	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	4	.	0	<a href="#">get it</a>
SP-22	2004-01-05	5	.	5	.	0	<a href="#">get it</a>
SP-23	2004-03-24	5	.	6	.	0	<a href="#">get it</a>
SP-24	2004-06-15	5	.	7	.	0	<a href="#">get it</a>
SP-25	2004-09-23	5	.	8	.	0	<a href="#">get it</a>
SP-27	2005-04-01	5	.	9	.	0	<a href="#">get it</a>

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**TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain**

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-15 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-27	5	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-20	5	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-09	5	.	2	.	0	<a href="#">get it</a>
SP-19	2003-04-02	5	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-09	5	.	4	.	0	<a href="#">get it</a>
SP-22	2004-01-05	5	.	5	.	0	<a href="#">get it</a>
SP-24	2004-06-17	5	.	6	.	0	<a href="#">get it</a>
SP-25	2004-09-23	5	.	7	.	0	<a href="#">get it</a>
SP-27	2005-03-30	5	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 554

31 May 2005 21:14:02

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.225 Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)**

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S5 / *rapporteur:* TEPPO, Patrik Ericsson Incorporated  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-19	1	.	0	.	0	SP-020033	<a href="#">get it</a>
SP-16	2002-06-17	1	.	5	.	0	SP-020327	<a href="#">get it</a>
draft	2002-07-19	1	.	7	.	0		<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020453	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0	"Support of Diameter is mandatory."	<a href="#">get it</a>
SP-18	2003-01-06	5	.	1	.	0		<a href="#">get it</a>
SP-19	2003-04-02	5	.	2	.	0		<a href="#">get it</a>
SP-20	2003-06-27	5	.	3	.	0		<a href="#">get it</a>
SP-22	2004-01-05	5	.	4	.	0		<a href="#">get it</a>
SP-23	2004-03-24	5	.	5	.	0		<a href="#">get it</a>
SP-24	2004-06-17	5	.	6	.	0		<a href="#">get it</a>
SP-26	2005-01-04	5	.	7	.	0		<a href="#">get it</a>
SP-27	2005-03-30	5	.	8	.	0		<a href="#">get it</a>

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**TS 32.235 Telecommunication management; Charging management; Charging data description for application services**

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-18	2003-01-07	5	.	1	.	0		<a href="#">get it</a>
SP-19	2003-04-02	5	.	2	.	0		<a href="#">get it</a>
SP-20	2003-06-27	5	.	3	.	0		<a href="#">get it</a>
SP-21	2003-10-02	5	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 555

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-8 (pars) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-18 5 . 0 . 0 [get it](#)  
edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#)

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**TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15 2002-03-26 5 . 0 . 0 [get it](#)  
edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#)

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**TS 32.302 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)**  
Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14 2002-01-11 5 . 0 . 0 [get it](#)  
edito 2002-03-26 5 . 0 . 1 [get it](#)  
edito post SP-18 2003-01-13 5 . 0 . 2 [get it](#)  
SP-20 2003-06-27 5 . 1 . 0 [get it](#)  
SP-26 2005-01-04 5 . 2 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 556

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.303 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
Rel-5 *current version: Set (SS)* 5.2.0 *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5 . 0 . 0	<a href="#">get it</a>
SP-17	2002-09-18	5 . 1 . 0	<a href="#">get it</a>
edito post SP-17	2002-10-01	5 . 1 . 1	<a href="#">get it</a>
edito post SP-18	2003-01-13	5 . 1 . 2	<a href="#">get it</a>
SP-19	2003-03-31	5 . 2 . 0	<a href="#">get it</a>

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**TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**  
Rel-5 *current version:* 5.2.1 *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-14	2002-01-11	5 . 0 . 0	<a href="#">get it</a>
SP-15	2002-03-26	5 . 1 . 0	<a href="#">get it</a>
SP-16	2002-06-20	5 . 2 . 0	<a href="#">get it</a>
edito post SP-18	2003-01-13	5 . 2 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 557

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements**  
Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.112-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>	
edito post	SP-18	2003-01-13	5	.	0	.	1	<a href="#">get it</a>
	SP-22	2004-01-05	5	.	1	.	0	<a href="#">get it</a>

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**TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)**  
Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.112-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0	<a href="#">get it</a>	
edito post	SP-18	2003-01-13	5	.	0	.	1	<a href="#">get it</a>
	SP-22	2004-01-05	5	.	1	.	0	<a href="#">get it</a>

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**TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-17	1	.	0	.	0	SP-020328	<a href="#">get it</a>	
	SP-17	2002-09-06	2	.	0	.	0	SP-020456	<a href="#">get it</a>
	SP-17	2002-09-18	5	.	0	.	0	<a href="#">get it</a>	
edito post	SP-18	2003-01-13	5	.	0	.	1	<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 558

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-16	2002-06-17	1	.	0	.	0	SP-020328	<a href="#">get it</a>
	SP-17	2002-09-16	2	.	0	.	0	SP-020457	<a href="#">get it</a>
	SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
edito post	SP-18	2003-01-13	5	.	0	.	1		<a href="#">get it</a>
	SP-24	2004-06-15	5	.	1	.	0		<a href="#">get it</a>

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## TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-16	2002-06-17	1	.	0	.	0	SP-020328	<a href="#">get it</a>
	SP-17	2002-09-16	2	.	0	.	0	SP-020458	<a href="#">get it</a>
	SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
edito post	SP-18	2003-01-13	5	.	0	.	1		<a href="#">get it</a>
	SP-24	2004-06-15	5	.	1	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 559

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-16	2002-06-17	1	.	0	.	0		<a href="#">get it</a>
	SP-17	2002-09-16	2	.	0	.	0	SP-020459	<a href="#">get it</a>
	SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
edito post	SP-18	2003-01-13	5	.	0	.	1		<a href="#">get it</a>
	SP-24	2004-06-15	5	.	1	.	0		<a href="#">get it</a>

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**TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* was 32.104 (pars)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-15	2002-03-26	5	.	0	.	0		<a href="#">get it</a>
	SP-17	2002-09-18	5	.	1	.	0		<a href="#">get it</a>
	SP-20	2003-06-27	5	.	2	.	0		<a href="#">get it</a>
	SP-24	2004-06-15	5	.	3	.	0		<a href="#">get it</a>
	SP-25	2004-09-28	5	.	4	.	0		<a href="#">get it</a>
	SP-27	2005-04-01	5	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 560

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM**  
Rel-5 *current version:* 5.10.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.104 (pars) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-20	5	.	0	.	0	WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)	<a href="#">get it</a>
SP-17	2002-09-19	5	.	1	.	0		<a href="#">get it</a>
SP-19	2003-03-31	5	.	2	.	0		<a href="#">get it</a>
SP-20	2003-06-27	5	.	3	.	0		<a href="#">get it</a>
SP-21	2003-10-15	5	.	4	.	0		<a href="#">get it</a>
SP-22	2004-01-05	5	.	5	.	0		<a href="#">get it</a>
SP-23	2004-03-24	5	.	6	.	0		<a href="#">get it</a>
SP-24	2004-06-17	5	.	7	.	0		<a href="#">get it</a>
SP-25	2004-09-28	5	.	8	.	0		<a href="#">get it</a>
SP-26	2005-01-04	5	.	9	.	0		<a href="#">get it</a>
SP-27	2005-04-01	5	.	10	.	0		<a href="#">get it</a>

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**TS 32.600 Telecommunication management; Configuration Management (CM); Concept and high-level requirements**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106 (pars). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-20	5	.	0	.	0		<a href="#">get it</a>
edito	2003-06-18	5	.	0	.	1	Title aligned with the 3GPP Database	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 561

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.601 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-23 5 . 0 . 0 [get it](#)  
edito 2003-06-18 5 . 0 . 1 Title aligned with the 3GPP Database [get it](#)

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**TS 32.602 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (SS)**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-27 5 . 0 . 0 [get it](#)  
SP-19 2003-03-31 5 . 1 . 0 [get it](#)  
SP-22 2004-01-13 5 . 2 . 0 [get it](#)  
SP-23 2004-03-23 5 . 3 . 0 [get it](#)

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**TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-27 5 . 0 . 0 [get it](#)  
SP-19 2003-03-31 5 . 1 . 0 [get it](#)  
SP-20 2003-06-27 5 . 2 . 0 [get it](#)  
SP-25 2004-09-28 5 . 3 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 562

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18 2003-01-08 5 . 0 . 0 [get it](#)

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**TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements**

Rel-5 *current version:* 5.1.1 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-21 5 . 0 . 0 [get it](#)  
SP-17 2002-09-27 5 . 1 . 0 [get it](#)  
edito post SP-26 2005-01-04 5 . 1 . 1 [get it](#)

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**TS 32.612 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)**

Rel-5 *current version:* 5.3.1 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-27 5 . 0 . 0 [get it](#)  
SP-18 2003-01-07 5 . 1 . 0 [get it](#)  
edito 2003-03-31 5 . 1 . 1 [get it](#)  
SP-22 2004-01-13 5 . 2 . 0 [get it](#)  
SP-23 2004-03-24 5 . 3 . 0 [get it](#)  
edito post SP-26 2005-01-04 5 . 3 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 563

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**

Rel-5 *current version:* 5.1.1 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
SP-19	2003-03-31	5	.	1	.	0	<a href="#">get it</a>
edito post SP-26	2005-01-04	5	.	1	.	1	<a href="#">get it</a>

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**TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2003-01-07	5	.	0	.	0	<a href="#">get it</a>
edito post SP-26	2005-01-04	5	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 564

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition**

Rel-5 *current version:* 5.5.1 *WG (prime / other):* S5 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-16	2002-06-21	5 . 0 . 0	<a href="#">get it</a>
edito after	SP-17	2002-09-18	5 . 0 . 1	<a href="#">get it</a>
	SP-20	2003-06-27	5 . 1 . 0	<a href="#">get it</a>
	SP-21	2003-10-01	5 . 2 . 0	<a href="#">get it</a>
Adds XML file with reference from document	2003-10-17	5 . 2 . 1		<a href="#">get it</a>
	SP-22	2004-01-14	5 . 3 . 0	<a href="#">get it</a>
	SP-23	2004-03-24	5 . 4 . 0	<a href="#">get it</a>
	SP-24	2004-06-17	5 . 5 . 0	<a href="#">get it</a>
edito post	SP-26	2005-01-04	5 . 5 . 1	<a href="#">get it</a>

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**TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-17	2002-09-27	5 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 565

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	1	.	0	<a href="#">get it</a>
SP-22	2004-01-13	5	.	2	.	0	<a href="#">get it</a>
SP-23	2004-03-24	5	.	3	.	0	<a href="#">get it</a>
SP-24	2004-06-15	5	.	4	.	0	<a href="#">get it</a>
SP-25	2004-09-28	5	.	5	.	0	<a href="#">get it</a>

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**TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-5 *current version:* (CORBA) Solution Set (SS) 5.4.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
SP-19	2003-04-01	5	.	1	.	0	<a href="#">get it</a>
SP-23	2004-03-24	5	.	2	.	0	<a href="#">get it</a>
SP-24	2004-06-15	5	.	3	.	0	<a href="#">get it</a>
SP-25	2004-09-28	5	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 566

31 May 2005 21:14:03

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.624 Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-5 *current version: (CMIP) Solution Set (SS)* 5.5.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-17 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5 . 0 . 0	<a href="#">get it</a>
SP-21	2003-10-02	5 . 1 . 0	<a href="#">get it</a>
SP-22	2004-01-13	5 . 2 . 0	<a href="#">get it</a>
SP-23	2004-03-24	5 . 3 . 0	<a href="#">get it</a>
SP-24	2004-06-15	5 . 4 . 0	<a href="#">get it</a>
SP-26	2005-01-04	5 . 5 . 0	<a href="#">get it</a>

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**TS 32.625 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML)**  
Rel-5 *current version: file format definition* 5.5.0 *WG (prime / other):* S5 / *rapporteur:* TOCHE, Christian NORTEL  
NETWORKS (EUROPE)

*freeze\_meeting:* SP-15 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-17	1 . 0 . 0	SP-020298 pars	<a href="#">get it</a>
SP-17	2002-09-06	2 . 0 . 0	SP-020460	<a href="#">get it</a>
SP-17	2002-09-18	5 . 0 . 0		<a href="#">get it</a>
SP-20	2003-06-27	5 . 1 . 0		<a href="#">get it</a>
Editorials & Cosmetics	2003-10-08	5 . 1 . 1		<a href="#">get it</a>
Adds XML file with reference from document	2003-10-17	5 . 1 . 2		<a href="#">get it</a>
SP-23	2004-03-24	5 . 2 . 0		<a href="#">get it</a>
SP-24	2004-06-17	5 . 3 . 0		<a href="#">get it</a>
SP-26	2005-01-04	5 . 4 . 0		<a href="#">get it</a>
SP-27	2005-04-01	5 . 5 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 567

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.631 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-16 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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**TS 32.632 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-5 *current version:* 5.7.0 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-23 5 . 0 . 0 [get it](#)  
SP-18 2003-01-07 5 . 1 . 0 [get it](#)  
SP-19 2003-04-01 5 . 2 . 0 [get it](#)  
SP-20 2003-06-27 5 . 3 . 0 [get it](#)  
SP-21 2003-10-15 5 . 4 . 0 [get it](#)  
SP-22 2004-01-13 5 . 5 . 0 [get it](#)  
SP-25 2004-09-28 5 . 6 . 0 [get it](#)  
SP-27 2005-04-01 5 . 7 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 568

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.633 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**  
Rel-5 *current version: (CORBA) Solution Set (SS)* 5.3.0 *WG (prime / other):* S5 /- *rapporteur:* PAL, Tapinder  
T-MOBILE DEUTSCHLAND

*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5 . 0 . 0	<a href="#">get it</a>
SP-18	2003-01-07	5 . 1 . 0	<a href="#">get it</a>
SP-25	2004-09-28	5 . 2 . 0	<a href="#">get it</a>
SP-27	2005-04-01	5 . 3 . 0	<a href="#">get it</a>

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**TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-5 *current version: (CMIP) Solution Set (SS)* 5.4.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2003-01-08	5 . 0 . 0	<a href="#">get it</a>
SP-22	2004-01-13	5 . 1 . 0	<a href="#">get it</a>
SP-23	2004-03-24	5 . 2 . 0	<a href="#">get it</a>
SP-25	2004-09-28	5 . 3 . 0	<a href="#">get it</a>
SP-27	2005-04-01	5 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 569

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.635 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-5 *current version: format definition* 5.5.0 *WG (prime / other):* S5 /- *rporteur:* TOCHE, Christian  
NORTEL NETWORKS (EUROPE)

*freeze\_meeting:* SP-16 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* RP-15: existence gleaned from S5 report. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-17	1	.	0	.	0	SP-020298 pars	<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020461	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-20	2003-06-27	5	.	1	.	0		<a href="#">get it</a>
Adds XML file with reference from document	2003-10-17	5	.	1	.	1		<a href="#">get it</a>
SP-23	2004-03-24	5	.	2	.	0		<a href="#">get it</a>
SP-24	2004-06-17	5	.	3	.	0		<a href="#">get it</a>
SP-25	2004-09-28	5	.	4	.	0	XML schema available 2004-11-02	<a href="#">get it</a>
SP-27	2005-04-01	5	.	5	.	0		<a href="#">get it</a>

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**TS 32.641 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements**  
Rel-5 *current version: 5.0.0* *WG (prime / other):* S5 /- *rporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 570

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
SP-18	2003-01-07	5	.	1	.	0	<a href="#">get it</a>
edito post SP-18 to accept all rev marks	2003-01-09	5	.	1	.	1	<a href="#">get it</a>
SP-20	2003-06-26	5	.	2	.	0	<a href="#">get it</a>
SP-22	2004-01-13	5	.	3	.	0	<a href="#">get it</a>
SP-24	2004-06-17	5	.	4	.	0	<a href="#">get it</a>
SP-25	2004-09-29	5	.	5	.	0	<a href="#">get it</a>
SP-27	2005-04-01	5	.	6	.	0	<a href="#">get it</a>

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**TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-5 *current version:* (CORBA) Solution Set (SS) 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	1	.	0	<a href="#">get it</a>
SP-22	2004-01-13	5	.	2	.	0	<a href="#">get it</a>
SP-24	2004-06-17	5	.	3	.	0	<a href="#">get it</a>
SP-25	2004-09-29	5	.	4	.	0	<a href="#">get it</a>
SP-27	2005-04-01	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 571

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-5 *current version: (CMIP) Solution Set (SS)* 5.6.0 *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2003-01-08	5	.	0	.	0		<a href="#">get it</a>
SP-20	2003-06-26	5	.	1	.	0		<a href="#">get it</a>
SP-21	2003-10-02	5	.	2	.	0		<a href="#">get it</a>
SP-22	2004-01-13	5	.	3	.	0		<a href="#">get it</a>
SP-23	2004-03-24	5	.	4	.	0		<a href="#">get it</a>
SP-24	2004-06-17	5	.	5	.	0		<a href="#">get it</a>
SP-25	2004-09-28	5	.	6	.	0		<a href="#">get it</a>

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**TS 32.645 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-5 *current version: format definition* 5.6.0 *WG (prime / other):* S5 / *rporteur:* TOCHE, Christian NORTEL  
NETWORKS (EUROPE)

*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-17	1	.	0	.	0	SP-020298 pars	<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020462	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-20	2003-06-27	5	.	1	.	0		<a href="#">get it</a>
SP-21	2003-10-01	5	.	2	.	0		<a href="#">get it</a>
Adds XML file with reference from document	2003-10-17	5	.	2	.	1		<a href="#">get it</a>
SP-22	2004-01-14	5	.	3	.	0		<a href="#">get it</a>
SP-23	2004-03-24	5	.	4	.	0		<a href="#">get it</a>
SP-24	2004-06-17	5	.	5	.	0		<a href="#">get it</a>
SP-25	2004-09-29	5	.	6	.	0	XML schema available 2004-11-02	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 572

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-17 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-27 5 . 0 . 0 [get it](#)

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**TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-17 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17 2002-09-27 5 . 0 . 0 [get it](#)  
edito post SP-18 2003-01-09 5 . 0 . 1 [get it](#)  
SP-20 2003-06-26 5 . 1 . 0 [get it](#)  
SP-21 2003-10-01 5 . 2 . 0 [get it](#)  
SP-22 2004-01-14 5 . 3 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 573

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**  
Rel-5 *current version: (CORBA) Solution Set (SS)* 5.3.0 *WG (prime / other):* S5 /- *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd

*freeze\_meeting:* SP-17 G: yes U: MCC: ZOICAS, Adrian  
*remarks - general:* was 32.623-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-10-08	5	.	0	.	0	<a href="#">get it</a>
edito post SP-18	2003-01-09	5	.	0	.	1	<a href="#">get it</a>
SP-20	2003-06-27	5	.	1	.	0	<a href="#">get it</a>
SP-21	2003-10-01	5	.	2	.	0	<a href="#">get it</a>
SP-25	2004-09-28	5	.	3	.	0	<a href="#">get it</a>

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**TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-5 *current version: (CMIP) Solution Set (SS)* 5.4.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-17 G: yes U: MCC: ZOICAS, Adrian  
*remarks - general:* was 32.623-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-18	2003-01-08	5	.	0	.	0	<a href="#">get it</a>
SP-20	2003-06-27	5	.	1	.	0	<a href="#">get it</a>
SP-21	2003-10-02	5	.	2	.	0	<a href="#">get it</a>
SP-22	2004-01-13	5	.	3	.	0	<a href="#">get it</a>
SP-24	2004-06-17	5	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 574

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.655 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file**  
Rel-5 *current version: format definition* 5.6.0 *WG (prime / other):* S5 */ rapporteur:* TOCHE, Christian NORTEL  
NETWORKS (EUROPE)

*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-17	1	.	0	.	0	SP-020298 pars	<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020463	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-20	2003-06-27	5	.	1	.	0		<a href="#">get it</a>
SP-21	2003-10-01	5	.	2	.	0		<a href="#">get it</a>
Adds XML file with reference from document	2003-10-17	5	.	2	.	1		<a href="#">get it</a>
SP-22	2004-01-14	5	.	3	.	0		<a href="#">get it</a>
SP-23	2004-03-24	5	.	4	.	0		<a href="#">get it</a>
SP-24	2004-06-18	5	.	5	.	0	no schema file	<a href="#">get it</a>
SP-25	2004-09-29	5	.	6	.	0	XML schema available 2004-11-02	<a href="#">get it</a>

---

**TS 32.661 Telecommunication management; Configuration Management (CM); Kernel CM; Requirements**  
Rel-5 *current version: 5.1.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2002-01-31	0	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-19	1	.	0	.	0	SP-020034 pars	<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020464	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-18	2003-01-07	5	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 575

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.662 Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-18 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2002-01-31	0	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-19	1	.	0	.	0	SP-020034 pars	<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020465	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-22	2004-01-13	5	.	1	.	0		<a href="#">get it</a>
SP-23	2004-03-24	5	.	2	.	0		<a href="#">get it</a>

---

**TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* SP-15: will not exist in Rel-5. SP-17 Oh yes it will!

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-16	1	.	0	.	0	SP-020466	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-19	2003-04-03	5	.	1	.	0		<a href="#">get it</a>
SP-24	2004-06-15	5	.	2	.	0		<a href="#">get it</a>
SP-25	2004-09-28	5	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 576

31 May 2005 21:14:04

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-18 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* SP-15: will not exist in Rel-5. SP-17: Yes it will!

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-16	1	.	0	.	0	SP-020467	<a href="#">get it</a>
SP-18	2003-01-07	2	.	0	.	0	SP-020743	<a href="#">get it</a>
SP-18	2003-01-07	5	.	0	.	0		<a href="#">get it</a>

---

**TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2002-01-17	0	.	1	.	2		<a href="#">get it</a>
SP-16	2002-06-17	1	.	0	.	0	SP-020329 pars	<a href="#">get it</a>
SP-17	2002-07-19	2	.	0	.	0	SP-020468	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 577

31 May 2005 21:14:05

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2002-07-19	0	.	0	.	0		<a href="#">get it</a>
draft	2002-01-17	0	.	1	.	1		<a href="#">get it</a>
SP-16	2002-06-17	1	.	0	.	0	SP-020329 pars	<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020469	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>

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**TS 32.673 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**

Rel-5 *current version:* **Solution Set (SS)** 5.2.0 *WG (prime / other):* S5 / - *rporteur:* PIRT, Trevor  
MOTOROLA Ltd

*freeze\_meeting:* SP-15

*G:* yes *U:* yes

*MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-09-16	1	.	0	.	0	SP-020470	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-19	2003-04-01	5	.	1	.	0		<a href="#">get it</a>
SP-25	2004-09-29	5	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 578

31 May 2005 21:14:05

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.674 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**  
Rel-5 *current version: Solution Set (SS)* 5.2.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2002-01-17	0	.	1	.	0		<a href="#">get it</a>
draft	2002-07-19	1	.	0	.	0		<a href="#">get it</a>
SP-17	2002-09-16	2	.	0	.	0	SP-020471	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
SP-21	2003-10-02	5	.	1	.	0		<a href="#">get it</a>
SP-26	2005-01-04	5	.	2	.	0		<a href="#">get it</a>

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**TS 32.691 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements**  
Rel-5 *current version: 5.0.1* *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-08-30	1	.	0	.	0	SP-020472	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
edito post	SP-26	2005-01-04	5	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 579

31 May 2005 21:14:05

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.692 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-17	2002-08-30	1	.	0	.	0	SP-020473	<a href="#">get it</a>
SP-17	2002-09-18	5	.	0	.	0		<a href="#">get it</a>
edito post SP-26	2005-01-04	5	.	0	.	1		<a href="#">get it</a>

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**TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 580

31 May 2005 21:14:05

ACTIVE specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* SP-21: No rapporteur, work stopped. SP-26: assume no desire to upgrade to Rel-6.

*history (event, available, version, comments, hyperlink):*

SP-13	2001-10-01	0	.	0	.	2	TP-010213 (!)	<a href="#">get it</a>
SP-14	2002-01-02	1	.	0	.	0	SP-010652 (also TP-010283)	<a href="#">get it</a>
draft	2002-01-28	1	.	0	.	1		<a href="#">get it</a>
draft	2002-01-31	1	.	0	.	2		<a href="#">get it</a>
SP-15	2002-03-19	1	.	0	.	4	SP-020011	<a href="#">get it</a>
SP-16	2002-06-17	2	.	0	.	0	SP-020331	<a href="#">get it</a>
SP-16	2002-06-20	5	.	0	.	0		<a href="#">get it</a>
SP-17	2002-09-18	5	.	1	.	0		<a href="#">get it</a>

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Rel-5 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.102 3G security; Security architecture**

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-19	5	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	5	.	1	.	0		<a href="#">get it</a>
SP-20	2003-06-18	5	.	2	.	0		<a href="#">get it</a>
SP-21	2003-09-30	5	.	3	.	0		<a href="#">get it</a>
SP-24	2004-06-15	5	.	4	.	0		<a href="#">get it</a>
SP-25	2004-09-30	5	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 581

31 May 2005 21:14:05

ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.105 Cryptographic algorithm requirements

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-24

*WG (prime / other):* S3 / - *rapporteur:* CHIKAZAWA, Takeshi Mitsubishi Electric Corporation

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-15 5 . 0 . 0

[get it](#)

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## TS 33.106 Lawful interception requirements

Rel-5 *current version:* 5.1.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-04 5 . 0 . 0

SP-17 2002-09-18 5 . 1 . 0

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 582

31 May 2005 21:14:05

ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.107 3G security; Lawful interception architecture and functions**

Rel-5 *current version:* 5.6.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold  
*G:* *U:* yes *MCC:* CLAYTON, Michael BUNDESMINISTERIUM FUR WIRTSCHAFT

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-07-04	5 . 0 . 0		<a href="#">get it</a>
	SP-14	2002-01-07	5 . 1 . 0		<a href="#">get it</a>
	SP-15	2002-03-26	5 . 2 . 0		<a href="#">get it</a>
edito post	SP-15	2002-04-15	5 . 2 . 1	Corrects change history.	<a href="#">get it</a>
	SP-16	2002-06-19	5 . 3 . 0		<a href="#">get it</a>
	SP-17	2002-09-18	5 . 4 . 0		<a href="#">get it</a>
	SP-18	2002-12-18	5 . 5 . 0		<a href="#">get it</a>
	SP-21	2003-09-30	5 . 6 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 583

31 May 2005 21:14:05

ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-5 *current version:* 5.9.1 *WG (prime / other):* S3 / *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de) *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-15	2002-03-19	1	.	0	.	0	SP-020118	<a href="#">get it</a>
SP-16		2	.	0	.	0	SP-020357	
SP-16	2002-06-19	5	.	0	.	0		<a href="#">get it</a>
SP-17	2002-09-23	5	.	1	.	0		<a href="#">get it</a>
SP-18	2002-12-18	5	.	2	.	0		<a href="#">get it</a>
SP-19	2003-03-24	5	.	3	.	0		<a href="#">get it</a>
SP-20	2003-06-18	5	.	4	.	0		<a href="#">get it</a>
SP-21	2003-09-30	5	.	5	.	0		<a href="#">get it</a>
SP-22	2004-01-08	5	.	6	.	0		<a href="#">get it</a>
SP-23	2004-03-22	5	.	7	.	0		<a href="#">get it</a>
SP-24	2004-06-15	5	.	8	.	0		<a href="#">get it</a>
SP-26	2004-12-23	5	.	9	.	0		<a href="#">get it</a>
edito post SP-26	2005-01-24	5	.	9	.	1	ASN.1 correction	<a href="#">get it</a>

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## TS 33.200 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2001-05-24: title grows MAP; see 33.210 for IP equivalent. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-15	2002-03-26	5	.	0	.	0		<a href="#">get it</a>
SP-18	2002-12-18	5	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 584

31 May 2005 21:14:05

ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.201 Access domain security**

Rel-5 current version: none

freeze\_meeting:

WG (prime / other): S3 / rapporteur: POPE, Maurice ETSI Secretariat

G: U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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**TS 33.203 3G security; Access security for IP-based services**

Rel-5 current version: 5.9.0

freeze\_meeting: SP-15

WG (prime / other): S3 / rapporteur: BOMAN, Krister Telefon AB LM Ericsson

G: yes U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-13	2001-10-03	0	.	4	.	0	anticipate v2.0.0 at SP-15	<a href="#">get it</a>
SP-14	2002-01-02	1	.	0	.	0	SP-010624	<a href="#">get it</a>
SP-15	2002-03-19	2	.	0	.	0	SP-020116	<a href="#">get it</a>
SP-15	2002-03-26	5	.	0	.	0	But CR at SP-15 to correct reference to SIP.	<a href="#">get it</a>
SP-15	2002-03-26	5	.	1	.	0		<a href="#">get it</a>
SP-16	2002-06-19	5	.	2	.	0		<a href="#">get it</a>
SP-17	2002-09-18	5	.	3	.	0		<a href="#">get it</a>
SP-18	2002-12-18	5	.	4	.	0		<a href="#">get it</a>
SP-19	2003-03-24	5	.	5	.	0	There are two annexes J; this will be corrected after SP-20.	<a href="#">get it</a>
SP-20	2003-06-18	5	.	6	.	0		<a href="#">get it</a>
SP-21	2003-09-30	5	.	7	.	0		<a href="#">get it</a>
SP-22	2004-01-08	5	.	8	.	0		<a href="#">get it</a>
SP-25	2004-09-27	5	.	9	.	0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 585

31 May 2005 21:14:05

ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.210 3G security; Network Domain Security (NDS); IP network layer security

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210). *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-14	2002-01-02	1	.	0	.	0	SP-010623	<a href="#">get it</a>
SP-15	2002-03-19	2	.	0	.	0	SP-020117	<a href="#">get it</a>
SP-15	2002-03-26	5	.	0	.	0		<a href="#">get it</a>
SP-16	2002-06-19	5	.	1	.	0		<a href="#">get it</a>
SP-18	2002-12-18	5	.	2	.	0		<a href="#">get it</a>
SP-19	2003-03-24	5	.	3	.	0		<a href="#">get it</a>
SP-20	2003-06-18	5	.	4	.	0		<a href="#">get it</a>
SP-21	2003-09-30	5	.	5	.	0		<a href="#">get it</a>

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## TR 33.900 Guide to 3G security

Rel-5 *current version:* 0.4.1 DRAFT *WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft		0	.	4	.	1	v number seems to have restarted. Not uploaded for fear of confusion.
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 586

31 May 2005 21:14:05

ACTIVE specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33.903 Access Security for IP based services

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15

*WG (prime / other):* S3 / - *rapporteur:* VACANT,  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-5 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* TP-24

*WG (prime / other):* R5 / - *rapporteur:* CHALABI, Nuhman ANRITSU LTD  
*G:* *U:* yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-23	2004-04-01	5 . 0 . 0	<a href="#">get it</a>
TP-24	2004-06-25	5 . 1 . 0	<a href="#">get it</a>
TP-25	2004-09-30	5 . 2 . 0	<a href="#">get it</a>
TP-26	2005-01-13	5 . 3 . 0	<a href="#">get it</a>
TP-27	2005-04-01	5 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 587

31 May 2005 21:14:05

ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. *remarks - this release:*  
TSG#9: Stable, so txfered from T1 to R2.

### *history (event, available, version, comments, hyperlink):*

RP-15	2002-03-19	5	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	5	.	1	.	0	<a href="#">get it</a>
RP-18	2003-01-13	5	.	2	.	0	<a href="#">get it</a>
RP-19	2003-03-25	5	.	3	.	0	<a href="#">get it</a>
RP-25	2004-09-27	5	.	4	.	0	<a href="#">get it</a>

---

## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R5 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation  
*freeze\_meeting:* TP-20 *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-20	2003-06-17	5	.	0	.	0	<a href="#">get it</a>
TP-21	2003-10-10	5	.	1	.	0	<a href="#">get it</a>
CR266 pars	2003-10-13	5	.	1	.	1	<a href="#">get it</a>
TP-22	2004-01-20	5	.	2	.	0	<a href="#">get it</a>
TP-23	2004-04-01	5	.	3	.	0	<a href="#">get it</a>
TP-23	2004-04-05	5	.	3	.	1	<a href="#">get it</a> Corrects implementation of CR333
TP-24	2004-06-25	5	.	4	.	0	<a href="#">get it</a>
TP-25	2004-09-30	5	.	5	.	0	<a href="#">get it</a>
TP-26	2005-01-06	5	.	6	.	0	<a href="#">get it</a>
TP-27	2005-04-01	5	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 588

31 May 2005 21:14:05

ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)**

Rel-5 *current version: 5.0.0*

*WG (prime / other):* R5 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG

*freeze\_meeting:*

G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-22 2004-01-22 5 . 0 . 0

[get it](#)

# 3GPP specification status

Page 589

31 May 2005 21:14:05

ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-5 *current version:* 5.11.1

*WG (prime / other):* R5 / -

*rapporteur:* SULTAN, Alain

SOURCE COM

*freeze\_meeting:* TP-16

*G:* U: yes

*MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	TP-16	2002-06-19	5 . 0 . 0		<a href="#">get it</a>
corrects page headers	TP-16	2002-06-24	5 . 0 . 1		<a href="#">get it</a>
	TP-17	2002-09-10	5 . 1 . 0		<a href="#">get it</a>
edito post	TP-17	2002-09-20	5 . 1 . 1	There were two annexes C !	<a href="#">get it</a>
	TP-18	2002-12-18	5 . 2 . 0		<a href="#">get it</a>
	TP-19	2003-03-24	5 . 3 . 0		<a href="#">get it</a>
	TP-20	2003-06-17	5 . 4 . 0		<a href="#">get it</a>
	TP-21	2003-10-13	5 . 5 . 0		<a href="#">get it</a>
	TP-22	2004-01-22	5 . 6 . 0		<a href="#">get it</a>
	TP-23	2004-04-01	5 . 7 . 0	CR668 not implementable (written to old version of spec).	<a href="#">get it</a>
	TP-23	2004-04-13	5 . 7 . 1	Spirit of CR668 implemented, after consultation with T.	<a href="#">get it</a>
	TP-24	2004-07-01	5 . 8 . 0		<a href="#">get it</a>
	TP-25	2004-09-30	5 . 9 . 0		<a href="#">get it</a>
	TP-26	2005-01-07	5 . 10 . 0		<a href="#">get it</a>
	TP-27	2005-04-01	5 . 11 . 0		<a href="#">get it</a>
edito post	TP-27	2005-04-08	5 . 11 . 1	Clause 8 split into four files for easier manageability, ToC corrected.	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 590

31 May 2005 21:14:06

ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-5 *current version:* 5.11.0 *WG (prime / other):* R5 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-16	2002-06-19	5	.	0	.	0	<a href="#">get it</a>
TP-17	2002-09-10	5	.	1	.	0	<a href="#">get it</a>
TP-18	2002-12-18	5	.	2	.	0	<a href="#">get it</a>
TP-19	2003-03-24	5	.	3	.	0	<a href="#">get it</a>
TP-20	2003-06-17	5	.	4	.	0	<a href="#">get it</a>
TP-21	2003-10-10	5	.	5	.	0	<a href="#">get it</a>
TP-22	2004-01-16	5	.	6	.	0	<a href="#">get it</a>
TP-23	2004-04-01	5	.	7	.	0	<a href="#">get it</a>
TP-24	2004-06-28	5	.	8	.	0	<a href="#">get it</a>
TP-25	2004-09-30	5	.	9	.	0	<a href="#">get it</a>
TP-26	2005-01-07	5	.	10	.	0	<a href="#">get it</a>
TP-27	2005-04-01	5	.	11	.	0	<a href="#">get it</a>

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R5 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* TP-27 *G:* *U:* yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Rel-5 record created on freezing Rel-6, December 2004.

*history (event, available, version, comments, hyperlink):*

TP-27	2005-04-08	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 591

31 May 2005 21:14:06

ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* T1->R4@TSG#10 *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

RP-15	2002-04-03	5	.	0	.	0		<a href="#">get it</a>
RP-17	2002-10-02	5	.	1	.	0		<a href="#">get it</a>
RP-18	2003-01-10	5	.	2	.	0		<a href="#">get it</a>
RP-19	2003-04-04	5	.	3	.	0		<a href="#">get it</a>
RP-23	2004-04-01	5	.	4	.	0		<a href="#">get it</a>

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## TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R5 / *rapporteur:* ROSE, Ian Racal Instruments Wireless Solutions Limited  
*freeze\_meeting:* TP-22 *G:* yes *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* TP-21: Title changed from "Measurement uncertainty". Completion date: end 2004.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-21: assume Rel-7 in view of projected end date. TP-22: Document ready for approval as Rel-5 (!!)

### *history (event, available, version, comments, hyperlink):*

TP-22	2004-01-05	1	.	0	.	0	TP-030289 for information	<a href="#">get it</a>
T1-23		1	.	1	.	0		
TP-24	2004-05-26	1	.	2	.	0		<a href="#">get it</a>
TP-26	2005-02-25	2	.	0	.	0	TP-040239	<a href="#">get it</a>
TP-26	2005-03-03	5	.	0	.	0	Late availability due to human error (mainly, the Spec Manager's - sorry!)	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 592

31 May 2005 21:14:06

ACTIVE specs Rel-5 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TR 34.926 Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment**  
Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B Research in Motion UK Limited  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-15 2002-04-02 5 . 0 . 0 [get it](#)

RP-23 2004-04-01 5 . 1 . 0 [get it](#)

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**TR 34.943 Analysis of difference between FDD and 1.28 Mcps TDD and corresponding effect on terminal conformance test in radio access stratum protocol aspects**

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* R5 / *rapporteur:* MA, Zhifeng ZTE Corporation  
*freeze\_meeting:* *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* Work Item is unclear, initial Release is unclear. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

draft 2004-09 2005-05-20 1 . 0 . 0 R5-050641 - should be Rel-4? [get it](#)

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Rel-5 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 593

31 May 2005 21:14:06

ACTIVE specs Rel-5 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 594

31 May 2005 21:14:06

ACTIVE specs Rel-5 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.205 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 1: General* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE. 2002-06: clarified that deliverable is TS not TR. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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**TS 35.206 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 2: Algorithm specification* 5.1.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)  
SP-20 2003-06-18 5 . 1 . 0 [get it](#)

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**TS 35.207 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 3: Implementors' test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 595

31 May 2005 21:14:06

ACTIVE specs Rel-5 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 4: Design conformance test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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**TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-5 *current version: 5: Summary and results of design and evaluation* 5.0.0WG (*prime / other*): S3 /- *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 [get it](#)

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Rel-5 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 596

31 May 2005 21:14:06

ACTIVE specs Rel-5 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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**TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim  
*G: yes U:* *MCC:* CLAYTON, Michael

Indicate persons who left Company and wait for new One

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TR 41.033 Lawful Interception requirements for GSM**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie  
*G: yes U:* *MCC:* CLAYTON, Michael

MOTOROLA GmbH

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 597

31 May 2005 21:14:06

ACTIVE specs Rel-5 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-5 *current version:* 5.10.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-20 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-25	5 . 4 . 0	Created from 41.103 v5.4.0	<a href="#">get it</a>
SP-22	2004-01-15	5 . 5 . 0		<a href="#">get it</a>
Edito post SP-22	2004-01-22	5 . 5 . 1		<a href="#">get it</a>
Edito post SP-22	2004-01-23	5 . 5 . 2		<a href="#">get it</a>
SP-23	2004-04-02	5 . 6 . 0		<a href="#">get it</a>
SP-24	2004-06-24	5 . 7 . 0		<a href="#">get it</a>
SP-25	2004-09-29	5 . 8 . 0		<a href="#">get it</a>
SP-26	2005-01-04	5 . 9 . 0		<a href="#">get it</a>
SP-27	2005-03-22	5 . 10 . 0		<a href="#">get it</a>

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Rel-5 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* TP-15 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-12	2001-07-06	5 . 0 . 0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 598

31 May 2005 21:14:06

ACTIVE specs Rel-5 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.033 Lawful Interception; Stage 1**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-15

*WG (prime / other):* S3 /

G: yes U:

*rapporteur:*

MCC:

MCKIBBEN, Bernie

CLAYTON, Michael

MOTOROLA GmbH

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-16

*WG (prime / other):* S1 /

G: yes U:

*rapporteur:*

MCC:

KOKKOLA, Tommi

CLAYTON, Michael

NOKIA Corporation

*remarks - general:* Was 22.043 at Rel99.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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**TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-16

*WG (prime / other):* S1 / -

G: yes U:

*rapporteur:*

MCC:

POIRAUD, Patrick

CLAYTON, Michael

ALCATEL S.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 599

31 May 2005 21:14:06

ACTIVE specs Rel-5 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.068 Voice Group Call Service (VGCS); Stage 1**

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* SP-16

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0  
correct title line 2002-10-22 5 . 0 . 1

[get it](#)

[get it](#)

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**TS 42.069 Voice Broadcast Service (VBS); Stage 1**

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* SP-16

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-07-19 5 . 0 . 0  
post SP-16 edito to 2002-07-29 5 . 0 . 1  
history box

[get it](#)

[get it](#)

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Rel-5 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 600

31 May 2005 21:14:06

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.005 Technical performance objectives

Rel-5 *current version:* 5.0.0 *WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-21: Decision not to progress this to Rel-6. NP-26: change of plan!

*history (event, available, version, comments, hyperlink):*

NP-16 2002-07-04 5 . 0 . 0 Note that the doc is really a TR not a TS [get it](#)  
(cover sheet is wrong)

---

## TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15 2002-03-20 5 . 0 . 0 [get it](#)  
NP-17 2002-09-17 5 . 1 . 0 [get it](#)  
NP-18 2003-01-06 5 . 2 . 0 [get it](#)

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## TS 43.013 Discontinuous Reception (DRX) in the GSM system

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10 2002-07-19 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 601

31 May 2005 21:14:06

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2**

Rel-5 *current version:* 5.6.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* TP-15 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* For test spec, see 51.013.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-12	2001-11-12	5	.	0	.	0	<a href="#">get it</a>
fix annexed library file	2001-11-21	5	.	0	.	1	<a href="#">get it</a>
TP-14	2002-01-17	5	.	1	.	0	<a href="#">get it</a>
TP-15	2002-04-02	5	.	2	.	0	<a href="#">get it</a>
TP-16	2002-06-25	5	.	3	.	0	<a href="#">get it</a>
TP-17	2002-09-27	5	.	4	.	0	<a href="#">get it</a>
TP-18	2003-01-08	5	.	5	.	0	<a href="#">get it</a>
TP-19	2003-03-26	5	.	6	.	0	<a href="#">get it</a>

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**TS 43.020 Security-related network functions**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / NP / GP *rapporteur:* GILBERT, Henri France Telecom  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* CLAYTON, Michael FTR&D/DTL/SSR

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-07-19	5	.	0	.	0	many invalid references	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 602

31 May 2005 21:14:06

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* Moved from SMG3 Jan 2000. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
GP-11	2002-09-19	5	.	1	.	0	<a href="#">get it</a>
GP-24	2005-04-22	5	.	2	.	0	<a href="#">get it</a>

---

## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* Skov USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
re-issue as TR (not TS) as per 03.26	2002-07-31	5	.	0	.	1	<a href="#">get it</a>

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## TR 43.030 Radio network planning aspects

Rel-5 *current version:* 5.1.0 *WG (prime / other):* G1 / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
reissue as TR instead of TS		5	.	0	.	1	
GP-11	2002-09-19	5	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 603

31 May 2005 21:14:06

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.033 3G security; Lawful Interception; Stage 2**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0

[get it](#)

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**TS 43.045 Technical Realization of Facsimile Group 3 Service - transparent**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-15

*WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-15 2002-03-20 5 . 0 . 0

[get it](#)

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**TS 43.050 Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 604

31 May 2005 21:14:06

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2**

Rel-5 *current version:* 5.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* Originally created as 03.51r00 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-03	2001-02-15	5 . 0 . 0	<a href="#">get it</a>
GP-04	2001-04-20	5 . 1 . 0	<a href="#">get it</a>
GP-05	2001-06-28	5 . 2 . 0	<a href="#">get it</a>
GP-06	2001-10-01	5 . 3 . 0	<a href="#">get it</a>
GP-07	2002-01-04	5 . 4 . 0	<a href="#">get it</a>
GP-08	2002-02-19	5 . 5 . 0	<a href="#">get it</a>
GP-09	2002-05-06	5 . 6 . 0	<a href="#">get it</a>
GP-11	2002-09-19	5 . 7 . 0	<a href="#">get it</a>
GP-12	2003-01-03	5 . 8 . 0	<a href="#">get it</a>
GP-14	2003-04-25	5 . 9 . 0	<a href="#">get it</a>
GP-16	2003-09-12	5 . 10 . 0	<a href="#">get it</a>

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**TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis ALCATEL S.A.  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 605

31 May 2005 21:14:07

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.055 Dual Transfer Mode (DTM); Stage 2**

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* GP-10

*WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
GP-14	2003-04-25	5	.	1	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	2	.	0	<a href="#">get it</a>
GP-21	2004-09-20	5	.	3	.	0	<a href="#">get it</a>
GP-22	2004-12-02	5	.	4	.	0	<a href="#">get it</a>
GP-23	2005-02-11	5	.	5	.	0	<a href="#">get it</a>

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**TR 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-28	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 606

31 May 2005 21:14:07

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

Rel-5 *current version:* 5.4.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-06	2001-10-01	5 . 0 . 0	<a href="#">get it</a>
GP-07	2002-01-04	5 . 1 . 0	<a href="#">get it</a>
GP-08	2002-02-19	5 . 2 . 0	<a href="#">get it</a>
GP-09	2002-05-06	5 . 3 . 0	<a href="#">get it</a>
remove hidden text	2003-04-25	5 . 3 . 1	<a href="#">get it</a>
GP-19	2004-05-06	5 . 4 . 0	<a href="#">get it</a>

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## TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-09	2002-05-06	5 . 0 . 0	<a href="#">get it</a>
GP-14	2003-04-25	5 . 1 . 0	<a href="#">get it</a>
make figs 20 and 25 legible	2003-05-02	5 . 1 . 1	<a href="#">get it</a>
GP-16	2003-09-12	5 . 2 . 0	<a href="#">get it</a>
GP-19	2004-05-06	5 . 3 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 607

31 May 2005 21:14:07

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-5 *current version:* 5.5.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-19	5	.	0	.	0	<a href="#">get it</a>
post NP-16 edito	2002-06-28	5	.	0	.	1	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>
NP-18	2002-12-18	5	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-08	5	.	3	.	0	<a href="#">get it</a>
NP-25	2004-09-27	5	.	4	.	0	<a href="#">get it</a>
NP-27	2005-03-21	5	.	5	.	0	<a href="#">get it</a>

---

## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-5 *current version:* 5.4.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-16	2002-06-19	5	.	0	.	0	<a href="#">get it</a>
post NP-16 edito	2002-06-28	5	.	0	.	1	<a href="#">get it</a>
NP-17	2002-09-17	5	.	1	.	0	<a href="#">get it</a>
NP-18	2002-12-18	5	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-08	5	.	3	.	0	<a href="#">get it</a>
NP-25	2004-09-27	5	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 608

31 May 2005 21:14:07

ACTIVE specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.CP-27: *remarks - this release:*  
change of WG as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 technically identical to v4.0.0 [get it](#)

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## TS 43.130 Iur-g interface; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
*freeze\_meeting:* GP-11 *G: yes U:* *MCC:* Jose Luis  
USAI, Paolino  
*remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-16 5 . 0 . 0 Technically identical to TR.43,930 v5.1.0 [get it](#)

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Rel-5 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 609

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* NP-15 Skov

*G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

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**TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11 Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

[get it](#)

[get it](#)

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**TS 44.004 Layer 1 - General Requirements**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* GP-09 *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-06 2001-11-15 5 . 0 . 0

GP-07 2002-01-08 5 . 1 . 0

GP-09 2002-05-06 5 . 2 . 0

GP-17 2003-12-05 5 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 610

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.005 Data Link (DL) Layer General Aspects

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-11

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

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[get it](#)

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## TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-11

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0  
post GP-11 editorial 2003-12-05 5 . 0 . 1

[get it](#)  
[get it](#)

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## TS 44.012 Short Message Service Cell Broadcast (SMS-CB) support on the mobile radio interface

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-11

*WG (prime / other):* G2 / N2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0  
edito 2002-12-17 5 . 0 . 1

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[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 611

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* NP-15

*WG (prime / other):* C1 / -

G: yes U:

*rapporteur:* DAWES, Peter

*MCC:* JURISIC, Andrijana

VODAFONE LTD

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

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## TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-5 *current version:* 5.3.0

*freeze\_meeting:* GP-11

*WG (prime / other):* G2 / -

G: yes U:

*rapporteur:* HOWELL, Andrew

*MCC:* THOMASEN, Gert

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0

GP-13 2003-02-21 5 . 1 . 0

GP-15 2003-07-10 5 . 2 . 0

GP-20 2004-07-23 5 . 3 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 612

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-5 current version: 5.20.0

freeze\_meeting: GP-09

WG (prime / other): G2 / - rapporteur: HOWELL, Andrew

G: yes U: MCC: THOMASEN, Gert

MOTOROLA Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-04	2001-05-04	5	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-18	5	.	1	.	0	<a href="#">get it</a>
GP-06	2001-09-10	5	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-08	5	.	3	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	4	.	0	<a href="#">get it</a>
GP-09	2002-05-02	5	.	5	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	6	.	0	<a href="#">get it</a>
GP-11	2002-09-16	5	.	7	.	0	<a href="#">get it</a>
GP-12	2002-12-17	5	.	8	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	9	.	0	<a href="#">get it</a>
GP-14	2003-04-28	5	.	10	.	0	<a href="#">get it</a>
GP-15	2003-07-10	5	.	11	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	12	.	0	<a href="#">get it</a>
GP-17	2003-12-05	5	.	13	.	0	<a href="#">get it</a>
GP-18	2004-02-23	5	.	14	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	15	.	0	<a href="#">get it</a>
GP-20	2004-07-23	5	.	16	.	0	<a href="#">get it</a>
GP-21	2004-09-04	5	.	17	.	0	<a href="#">get it</a>
GP-22	2004-11-29	5	.	18	.	0	<a href="#">get it</a>
GP-23	2005-02-11	5	.	19	.	0	<a href="#">get it</a>
GP-24	2005-04-20	5	.	20	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 613

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5 . 0 . 0	<a href="#">get it</a>
post NP-17 -	2002-10-02	5 . 0 . 1	<a href="#">get it</a>
replace illegible figures			
NP-17	2002-09-18	5 . 1 . 0	<a href="#">get it</a>
post NP-17 -	2002-10-02	5 . 1 . 1	<a href="#">get it</a>
replace illegible figures			
NP-18	2003-01-06	5 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 614

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)**

Rel-5 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-06	2001-09-14	5	.	0	.	0	<a href="#">get it</a>
GP-07	2002-01-08	5	.	1	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	2	.	0	<a href="#">get it</a>
GP-09	2002-05-02	5	.	3	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	4	.	0	<a href="#">get it</a>
GP-11	2002-09-16	5	.	5	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	6	.	0	<a href="#">get it</a>
GP-18	2004-02-23	5	.	7	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	8	.	0	<a href="#">get it</a>
GP-20	2004-07-23	5	.	9	.	0	<a href="#">get it</a>
GP-21	2004-09-04	5	.	10	.	0	<a href="#">get it</a>
GP-22	2004-11-29	5	.	11	.	0	<a href="#">get it</a>
GP-23	2005-02-11	5	.	12	.	0	<a href="#">get it</a>

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**TS 44.035 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

*freeze\_meeting:* GP-11 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
edito post GP-11	2002-12-17	5	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 615

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0

[get it](#)

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**TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-20 5 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 616

31 May 2005 21:14:07

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol**

Rel-5 *current version:* 5.15.0 *WG (prime / other):* G2 / *rporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	GP-08	2002-02-19	5 . 0 . 0	<a href="#">get it</a>
	GP-09	2002-05-03	5 . 1 . 0	<a href="#">get it</a>
edito post	GP-09	2002-05-28	5 . 1 . 1	<a href="#">get it</a>
	GP-10	2002-07-19	5 . 2 . 0	<a href="#">get it</a>
	GP-11	2002-09-16	5 . 3 . 0	<a href="#">get it</a>
	GP-12	2002-12-17	5 . 4 . 0	<a href="#">get it</a>
	GP-13	2003-02-21	5 . 5 . 0	<a href="#">get it</a>
	GP-14	2003-04-29	5 . 6 . 0	<a href="#">get it</a>
	GP-15	2003-07-10	5 . 7 . 0	<a href="#">get it</a>
	GP-16	2003-09-13	5 . 8 . 0	<a href="#">get it</a>
	GP-17	2003-12-05	5 . 9 . 0	<a href="#">get it</a>
	GP-18	2004-02-23	5 . 10 . 0	<a href="#">get it</a>
	GP-19	2004-05-06	5 . 11 . 0	<a href="#">get it</a>
	GP-20	2004-07-23	5 . 12 . 0	<a href="#">get it</a>
	GP-21	2004-09-04	5 . 13 . 0	<a href="#">get it</a>
	GP-22	2004-11-29	5 . 14 . 0	<a href="#">get it</a>
	GP-23	2005-02-11	5 . 15 . 0	<a href="#">get it</a>

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**TS 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C1 / - *rporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	NP-14	2002-01-04	5 . 0 . 0	<a href="#">get it</a>
	NP-15	2002-03-19	5 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 617

31 May 2005 21:14:08

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**  
Rel-5 *current version:* 5.2.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.CP-27: change of WG *remarks - this release:*  
as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-19	5	.	0	.	0	<a href="#">get it</a>
NP-21	2003-10-10	5	.	1	.	0	<a href="#">get it</a>
NP-25	2004-09-27	5	.	2	.	0	<a href="#">get it</a>

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**TS 44.068 Group Call Control (GCC) Protocol**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-19	5	.	0	.	0	<a href="#">get it</a>
post NP-16 edito	2002-06-26	5	.	0	.	1	Correct faulty styles / clause numbering <a href="#">get it</a>

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**TS 44.069 Broadcast Call Control (BCC) protocol**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-19	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 618

31 May 2005 21:14:08

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**TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11	2002-09-27	5	.	0	.	0		<a href="#">get it</a>
edito	2002-12-17	5	.	0	.	1		<a href="#">get it</a>

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**TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode**

Rel-5 *current version:* 5.11.0 *WG (prime / other):* G2 / *rapporteur:* VIRTEJ, Iuliana NOKIA Corporation  
*freeze\_meeting:* GP-09 MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-08	2002-03-20	1	.	1	.	0	GP-020289	<a href="#">get it</a>
draft	2002-03-26	1	.	2	.	0		<a href="#">get it</a>
GP-08	2002-03-27	1	.	3	.	0	GP-020794	<a href="#">get it</a>
draft	2002-05-07	1	.	4	.	0		<a href="#">get it</a>
GP-10	2002-07-19	5	.	0	.	0		<a href="#">get it</a>
GP-11	2002-09-19	5	.	1	.	0		<a href="#">get it</a>
GP-12	2002-12-17	5	.	2	.	0		<a href="#">get it</a>
GP-13	2003-02-21	5	.	3	.	0		<a href="#">get it</a>
GP-14	2003-04-28	5	.	4	.	0		<a href="#">get it</a>
GP-15	2003-07-10	5	.	5	.	0		<a href="#">get it</a>
GP-16	2003-09-13	5	.	6	.	0		<a href="#">get it</a>
GP-17	2003-12-05	5	.	7	.	0		<a href="#">get it</a>
GP-18	2004-02-23	5	.	8	.	0		<a href="#">get it</a>
GP-19	2004-05-06	5	.	9	.	0		<a href="#">get it</a>
GP-20	2004-07-23	5	.	10	.	0		<a href="#">get it</a>
GP-24	2005-04-21	5	.	11	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 619

31 May 2005 21:14:08

ACTIVE specs Rel-5 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.160**    **General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode**  
Rel-5    *current version:* 5.8.0    *WG (prime / other):* G2 /    *rapporteur:* N, A    Indicate persons who left Company and wait for new  
*freeze\_meeting:* GP-09    One  
*G:* yes    *U:*    *MCC:* THOMASEN, Gert  
*remarks - general:*    Created GP-08; see GP-020483. 2002-07-18: G1->G2.    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-09	2002-04-22	0 . 2 . 0	GP-020803	<a href="#">get it</a>
GP-10	2002-07-19	5 . 0 . 0		<a href="#">get it</a>
GP-11	2002-09-19	5 . 1 . 0		<a href="#">get it</a>
GP-12	2002-12-17	5 . 2 . 0		<a href="#">get it</a>
GP-13	2003-02-21	5 . 3 . 0		<a href="#">get it</a>
GP-14	2003-04-29	5 . 4 . 0		<a href="#">get it</a>
GP-15	2003-07-10	5 . 5 . 0		<a href="#">get it</a>
GP-16	2003-09-13	5 . 6 . 0		<a href="#">get it</a>
missed CR066	2003-09-30	5 . 6 . 1		<a href="#">get it</a>
GP-17	2003-12-05	5 . 7 . 0		<a href="#">get it</a>
GP-19	2004-05-06	5 . 8 . 0		<a href="#">get it</a>

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**TR 44.901**    **External Network Assisted Cell Change (NACC)**  
Rel-5    *current version:* 5.1.0    *WG (prime / other):* G2 / -    *rapporteur:* BACKLUND, Ingemar    Telefon AB LM Ericsson  
*freeze\_meeting:* GP-09    *MCC:* THOMASEN, Gert  
*remarks - general:*    2003-07-03 (JMM): WI UID 23011?. See also 25.901.    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-06		0 . 4 . 0		
GP-08	2002-04-04	0 . 7 . 0	GP-020220	<a href="#">get it</a>
GP-08	2002-04-04	1 . 0 . 0	GP-020427	<a href="#">get it</a>
GP-08	2002-03-19	2 . 0 . 0	GP-020491	<a href="#">get it</a>
GP-08	2002-03-26	5 . 0 . 0		<a href="#">get it</a>
GP-09	2002-05-06	5 . 1 . 0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 620

31 May 2005 21:14:08

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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Rel-5 **45** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

**TS 45.001 Physical layer on the radio path; General description**

Rel-5 *current version:* 5.9.0  
*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-03	2001-02-15	5	.	0	.	0	<a href="#">get it</a>
GP-06	2001-10-01	5	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	5	.	2	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	3	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	4	.	0	<a href="#">get it</a>
GP-12	2003-01-03	5	.	5	.	0	<a href="#">get it</a>
GP-14	2003-04-25	5	.	6	.	0	<a href="#">get it</a>
GP-17	2003-12-05	5	.	7	.	0	<a href="#">get it</a>
GP-22	2004-12-02	5	.	8	.	0	<a href="#">get it</a>
GP-24	2005-04-22	5	.	9	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 621

31 May 2005 21:14:08

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 *current version:* 5.13.0

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

*G:* yes *U:*

*MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-03	2001-02-15	5	.	0	.	0	<a href="#">get it</a>
edito	2001-02-27	5	.	0	.	1	<a href="#">get it</a>
GP-04	2001-04-20	5	.	1	.	0	<a href="#">get it</a>
GP-06	2001-10-01	5	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-04	5	.	3	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	4	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	5	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	6	.	0	<a href="#">get it</a>
GP-12	2003-01-03	5	.	7	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	8	.	0	<a href="#">get it</a>
GP-14	2003-04-25	5	.	9	.	0	<a href="#">get it</a>
GP-15	2003-07-11	5	.	10	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	11	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	12	.	0	<a href="#">get it</a>
GP-23	2005-02-11	5	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 622

31 May 2005 21:14:08

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.003 Channel coding

Rel-5 *current version:* 5.12.0

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-03	2001-02-06	5 . 0 . 0	<a href="#">get it</a>
GP-05	2001-06-28	5 . 1 . 0	<a href="#">get it</a>
GP-06	2001-10-01	5 . 2 . 0	<a href="#">get it</a>
GP-07	2002-01-04	5 . 3 . 0	<a href="#">get it</a>
GP-08	2002-02-19	5 . 4 . 0	<a href="#">get it</a>
GP-09	2002-05-06	5 . 5 . 0	<a href="#">get it</a>
GP-10	2002-07-19	5 . 6 . 0	<a href="#">get it</a>
GP-14	2003-04-25	5 . 7 . 0	<a href="#">get it</a>
GP-15	2003-07-11	5 . 8 . 0	<a href="#">get it</a>
GP-18	2004-02-20	5 . 9 . 0	<a href="#">get it</a>
GP-21	2004-09-22	5 . 10 . 0	<a href="#">get it</a>
GP-22	2004-12-02	5 . 11 . 0	<a href="#">get it</a>
GP-23	2005-02-11	5 . 12 . 0	<a href="#">get it</a>

---

## TS 45.004 Modulation

Rel-5 *current version:* 5.1.1

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-07	2002-01-04	5 . 0 . 0	<a href="#">get it</a>
GP-10	2002-07-19	5 . 1 . 0	<a href="#">get it</a>
Correction of wrong Release number in the front page	2003-09-26	5 . 1 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 623

31 May 2005 21:14:08

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.005 Radio transmission and reception**

Rel-5 *current version:* 5.12.0

*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson

*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-05	2001-06-28	5 . 0 . 0	<a href="#">get it</a>
GP-06	2001-10-01	5 . 1 . 0	<a href="#">get it</a>
GP-07	2002-01-04	5 . 2 . 0	<a href="#">get it</a>
GP-09	2002-05-06	5 . 3 . 0	<a href="#">get it</a>
GP-10	2002-07-19	5 . 4 . 0	<a href="#">get it</a>
GP-11	2002-09-19	5 . 5 . 0	<a href="#">get it</a>
GP-12	2003-01-03	5 . 6 . 0	<a href="#">get it</a>
GP-13	2003-02-21	5 . 7 . 0	<a href="#">get it</a>
GP-14	2003-04-25	5 . 8 . 0	<a href="#">get it</a>
GP-16	2003-09-12	5 . 9 . 0	<a href="#">get it</a>
GP-22	2004-12-02	5 . 10 . 0	<a href="#">get it</a>
GP-23	2005-02-11	5 . 11 . 0	<a href="#">get it</a>
GP-24	2005-04-22	5 . 12 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 624

31 May 2005 21:14:08

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.008 Radio subsystem link control**

Rel-5 *current version:* 5.18.0  
*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-03		5	.	0	.	0	
GP-04	2001-04-20	5	.	1	.	0	<a href="#">get it</a>
GP-05	2001-06-28	5	.	2	.	0	<a href="#">get it</a>
GP-06	2001-10-01	5	.	3	.	0	<a href="#">get it</a>
GP-07	2002-01-04	5	.	4	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	5	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	6	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	7	.	0	<a href="#">get it</a>
GP-11	2002-09-19	5	.	8	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	9	.	0	<a href="#">get it</a>
GP-14	2003-04-25	5	.	10	.	0	<a href="#">get it</a>
GP-15	2003-07-11	5	.	11	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	12	.	0	<a href="#">get it</a>
GP-17	2003-12-05	5	.	13	.	0	<a href="#">get it</a>
GP-18	2004-02-20	5	.	14	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	15	.	0	<a href="#">get it</a>
GP-20	2004-07-09	5	.	16	.	0	<a href="#">get it</a>
GP-21	2004-09-22	5	.	17	.	0	<a href="#">get it</a>
GP-22	2004-12-02	5	.	18	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 625

31 May 2005 21:14:08

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.009 Link adaptation

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-03	2001-02-06	5	.	0	.	0	<a href="#">get it</a>
GP-06	2001-10-01	5	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	5	.	2	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	3	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	4	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	5	.	0	<a href="#">get it</a>

---

## TS 45.010 Radio subsystem synchronization

Rel-5 *current version:* 5.3.0  
*freeze\_meeting:* GP-10

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
GP-11	2002-09-19	5	.	1	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	2	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 626

31 May 2005 21:14:08

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.015 Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* ESCULIER, Carole NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* GP-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* 2005-05-10: From Rel-6 onwards, requirements can be found in 45.005 & 24.008. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-22 2004-11-30 2 . 0 . 0 GP-042854 - but should have been [get it](#)  
created from Rel-4 version.  
GP-22 2004-12-02 5 . 0 . 0 [get it](#)

---

**TS 45.022 Radio link management in hierarchical networks**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* 2005-03: Document type changed from TR to TS, since this doc obviously contains requirements, and Rel-4 / Rel-5 documents already showed themselves to be TSs (despite doc type in database!). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10 2002-07-19 5 . 0 . 0 [get it](#)

---

**TR 45.050 Background for RF Requirements**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* Skov  
USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10 2002-07-19 5 . 0 . 0 [get it](#)  
clean up 2002-09-19 5 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 627

31 May 2005 21:14:09

ACTIVE specs Rel-5 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.056 CTS-FP Radio Sub-system**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* GP-10

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10 2002-07-19 5 . 0 . 0

[get it](#)

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Rel-5 **46** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.001 Full rate speech; Processing functions**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.002 Half rate speech; Half rate speech processing functions**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* *MCC:* USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 628

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.006 Half-rate speech: ANSI-C code for GSM half-rate speech codec**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.007 Half rate speech; Test sequences for the GSM half rate speech codec**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.008 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek  
*G: yes U:* MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 629

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.010 Full-rate speech; Transcoding**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar  
*G: yes U:* MCC: USAI, Paolino

PHILIPS Semiconductors

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.011 Full rate speech; Substitution and muting of lost frames for full rate speech channels**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William  
*G: yes U:* MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.012 Full rate speech; Comfort noise aspect for full rate speech traffic channels**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 630

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.020 Half rate speech; Half rate speech transcoding**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.022 Half rate speech; Comfort noise aspects for the half rate speech traffic channels**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 631

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.031 Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

**TS 46.032 Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

---

**TS 46.041 Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 632

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.042** **Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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**TS 46.051** **Enhanced Full Rate (EFR) speech processing functions; General description**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

---

**TS 46.053** **ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-28 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 633

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.054 Test sequences for the GSM Enhanced Full Rate (EFR) speech codec**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TR 46.055 Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek  
*G: yes U:* MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.060 Enhanced Full Rate (EFR) speech transcoding**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 634

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.061 Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TR 46.076 Adaptive Multi-Rate (AMR) speech codec; Study phase report**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-26 2005-01-06 5 . 0 . 0 On freezing Rel-6, notice that no Rel-5 version previously existed!

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 635

31 May 2005 21:14:09

ACTIVE specs Rel-5 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.081 Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.082 Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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**TS 46.085 Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-28 5 . 0 . 0

[get it](#)

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Rel-5

48 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 636

31 May 2005 21:14:09

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.001 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)

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**TS 48.002 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-10-05 5 . 0 . 0 [get it](#)  
GP-09 2002-05-06 5 . 1 . 0 [get it](#)

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**TS 48.004 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 637

31 May 2005 21:14:09

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
edito	2002-12-17	5	.	0	.	1	<a href="#">get it</a>

---

**TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-5 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	5	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-19	5	.	1	.	0	<a href="#">get it</a>
GP-06	2001-09-14	5	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-08	5	.	3	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	4	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	5	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	6	.	0	<a href="#">get it</a>
GP-11	2002-09-16	5	.	7	.	0	<a href="#">get it</a>
GP-12	2002-12-18	5	.	8	.	0	<a href="#">get it</a>
GP-15	2003-07-10	5	.	9	.	0	<a href="#">get it</a>
GP-16	2003-09-12	5	.	10	.	0	<a href="#">get it</a>
GP-17	2003-12-05	5	.	11	.	0	<a href="#">get it</a>
GP-19	2004-05-06	5	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 638

31 May 2005 21:14:09

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11	2002-09-27	5	.	0	.	0	<a href="#">get it</a>
edito	2002-12-17	5	.	0	.	1	<a href="#">get it</a>

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**TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Network Service**

Rel-5 *current version:* 5.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-06	2001-09-14	5	.	0	.	0	<a href="#">get it</a>
GP-07	2002-01-08	5	.	1	.	0	<a href="#">get it</a>
GP-15	2003-07-10	5	.	2	.	0	<a href="#">get it</a>
GP-20	2004-07-23	5	.	3	.	0	<a href="#">get it</a>
GP-22	2004-11-29	5	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 639

31 May 2005 21:14:09

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.018 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**

Rel-5 *current version:* 5.11.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-06	2001-09-10	5 . 0 . 0	<a href="#">get it</a>
GP-07	2002-01-08	5 . 1 . 0	<a href="#">get it</a>
GP-08	2002-02-19	5 . 2 . 0	<a href="#">get it</a>
GP-09	2002-05-06	5 . 3 . 0	<a href="#">get it</a>
GP-10	2002-07-19	5 . 4 . 0	<a href="#">get it</a>
GP-11	2002-09-16	5 . 5 . 0	<a href="#">get it</a>
edito	2002-12-17	5 . 5 . 1	<a href="#">get it</a>
GP-13	2003-02-21	5 . 6 . 0	<a href="#">get it</a>
Editorial correction of reference in tables 10.2.1 and 10.2.2	2003-04-29	5 . 6 . 1	<a href="#">get it</a>
GP-15	2003-07-10	5 . 7 . 0	<a href="#">get it</a>
GP-17	2003-12-05	5 . 8 . 0	<a href="#">get it</a>
GP-18	2004-02-23	5 . 9 . 0	<a href="#">get it</a>
GP-19	2004-05-06	5 . 10 . 0	<a href="#">get it</a>
GP-22	2004-11-29	5 . 11 . 0	<a href="#">get it</a>

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**TS 48.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-14	2002-01-11	5 . 0 . 0	<a href="#">get it</a>
NP-17	2002-09-18	5 . 1 . 0	<a href="#">get it</a>
NP-18	2003-01-09	5 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 640

31 May 2005 21:14:09

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.031 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-10  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-10 2002-07-19 5 . 0 . 0 [get it](#)

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**TS 48.051 Base Station Controller - Base Transceiver Station (BSC-BTS) interface; General aspects**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)

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**TS 48.052 Base Station Controller - Base Transceiver Station (BSC-BTS) interface; Interface principles**  
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 641

31 May 2005 21:14:09

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits**

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)

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**TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11 2002-09-27 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 642

31 May 2005 21:14:09

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

Rel-5 *current version:* 5.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	5	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-18	5	.	1	.	0	<a href="#">get it</a>
GP-06	2001-09-10	5	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-08	5	.	3	.	0	<a href="#">get it</a>
GP-08	2002-02-19	5	.	4	.	0	<a href="#">get it</a>
GP-09	2002-05-06	5	.	5	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	6	.	0	<a href="#">get it</a>

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**TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels**

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - > G1. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-09	2002-05-06	5	.	0	.	0	<a href="#">get it</a>
GP-10	2002-07-19	5	.	1	.	0	<a href="#">get it</a>
GP-11	2002-09-19	5	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 643

31 May 2005 21:14:10

ACTIVE specs Rel-5 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09 Skov  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*  
GP-09 2002-05-06 5 . 0 . 0 [get it](#)

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**TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification**  
Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-11 Skov  
G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-11 2002-09-27 5 . 0 . 0 [get it](#)  
edito 2002-12-17 5 . 0 . 1 [get it](#)  
GP-15 2003-07-10 5 . 1 . 0 [get it](#)

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Rel-5 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 644

31 May 2005 21:14:10

ACTIVE specs Rel-5 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

## TR 49.001 General network interworking scenarios

Rel-5 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-25 5 . 0 . 0 [get it](#)  
edito post NP-26 2005-01-11 5 . 0 . 1 Change cover page: TS -> TR [get it](#)

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## TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-5 *current version:* 5.1.0 *WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-19 5 . 0 . 0 [get it](#)  
NP-19 2003-03-24 5 . 1 . 0 [get it](#)

---

## TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-06 2001-10-02 5 . 0 . 0 [get it](#)  
edito 2001-10-03 5 . 0 . 1 [get it](#)  
GP-07 2002-01-08 5 . 1 . 0 [get it](#)  
GP-08 2002-02-19 5 . 2 . 0 [get it](#)  
GP-10 2002-07-19 5 . 3 . 0 [get it](#)  
GP-19 2004-05-06 5 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 645

31 May 2005 21:14:10

ACTIVE specs Rel-5 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.995** **General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-24 G: yes U: MCC: USAI, Paolino  
*remarks - general:* *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24 2005-04-22 5 . 0 . 0 derived from 09,95 v7.3.0

[get it](#)

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Rel-5 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 646

31 May 2005 21:14:10

ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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**TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification**

Rel-5 *current version:* 5.11.0

*freeze\_meeting:* SP-15

*WG (prime / other):* G3new/ S1 /  
NP /  
T2 /  
SCP

*rapporteur:* HU, Shicheng

ETSI Secretariat

*G:* yes *U:*

*MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-11	2002-09-20	5 . 0 . 0		<a href="#">get it</a>
GP-12	2002-12-20	5 . 1 . 0		<a href="#">get it</a>
GP-13	2003-02-21	5 . 2 . 0		<a href="#">get it</a>
replacement of omitted text post	2003-02-28	5 . 2 . 1		<a href="#">get it</a>
GP-13				
GP-14	2003-04-25	5 . 3 . 0		<a href="#">get it</a>
GP-15	2003-07-22	5 . 4 . 0	late availability due to extent of changes plus shortage of MCC manpower	<a href="#">get it</a>
GP-16	2003-09-05	5 . 5 . 0		<a href="#">get it</a>
GP-17	2003-11-28	5 . 6 . 0	approved CR1851r1 not implementable	<a href="#">get it</a>
GP-18	2004-02-18	5 . 7 . 0		<a href="#">get it</a>
GP-19	2004-05-04	5 . 8 . 0		<a href="#">get it</a>
GP-20	2004-07-06	5 . 9 . 0		<a href="#">get it</a>
GP-21	2004-09-20	5 . 10 . 0		<a href="#">get it</a>
GP-22	2004-11-29	5 . 11 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 647

31 May 2005 21:14:10

ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-5 *current version:* 5.11.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-11 NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	GP-11	2002-09-19	5 . 0 . 0		<a href="#">get it</a>
	GP-12	2002-12-20	5 . 1 . 0		<a href="#">get it</a>
	GP-13	2003-02-21	5 . 2 . 0		<a href="#">get it</a>
	GP-14	2003-04-25	5 . 3 . 0		<a href="#">get it</a>
	GP-15	2003-07-17	5 . 4 . 0	late availability due to extent of changes plus shortage of MCC manpower	<a href="#">get it</a>
	GP-16	2003-09-05	5 . 5 . 0		<a href="#">get it</a>
	GP-17	2003-11-28	5 . 6 . 0		<a href="#">get it</a>
	GP-18	2004-02-18	5 . 7 . 0		<a href="#">get it</a>
	GP-19	2004-05-04	5 . 8 . 0		<a href="#">get it</a>
edito post	GP-19	2004-05-18	5 . 8 . 1		<a href="#">get it</a>
	GP-20	2004-07-01	5 . 9 . 0		<a href="#">get it</a>
	GP-21	2004-09-20	5 . 10 . 0		<a href="#">get it</a>
	GP-22	2004-11-29	5 . 11 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 648

31 May 2005 21:14:10

ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-18 NP /  
T2 /  
SCP

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

GP-18	2004-03-22	5 . 0 . 0	late availability due to extra-MCC forces	<a href="#">get it</a>
post GP-18	2004-03-25	5 . 0 . 1	Supplies missing machine-readable files	<a href="#">get it</a>
GP-19	2004-05-18	5 . 1 . 0	Late delivery due to extra-MCC forces.	<a href="#">get it</a>
GP-20	2004-07-27	5 . 2 . 0		<a href="#">get it</a>
GP-21	2004-09-23	5 . 3 . 0		<a href="#">get it</a>
GP-22	2004-11-29	5 . 4 . 0		<a href="#">get it</a>

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## TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card

Rel-5 *current version:* 5.3.0 *WG (prime / other):* C6 / - *rapporteur:* BEGASSAT, Christophe Axalto S.A.  
*freeze\_meeting:* TP-20 *G:* yes *U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TP-16: WI is TP-020122. TP-26: No promotion to Rel-6.

### *history (event, available, version, comments, hyperlink):*

TP-20	2003-06-23	5 . 0 . 0		<a href="#">get it</a>
post TP-20 editorial	2003-06-27	5 . 0 . 1		<a href="#">get it</a>
to fix zipped annex E attachment				
TP-22	2004-01-12	5 . 1 . 0		<a href="#">get it</a>
TP-26	2005-01-03	5 . 2 . 0		<a href="#">get it</a>
TP-27	2005-03-24	5 . 3 . 0	CR17 not completely implemented, CRs18, 19 not implemented. This version should not be used.	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 649

31 May 2005 21:14:10

ACTIVE specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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**TS 51.021 Base Station System (BSS) equipment specification; Radio aspects**

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
GP-12	2003-01-03	5	.	1	.	0	<a href="#">get it</a>
GP-13	2003-02-21	5	.	2	.	0	<a href="#">get it</a>
GP-15	2003-07-11	5	.	3	.	0	<a href="#">get it</a>

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**TS 51.026 GSM Repeater Equipment Specification**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10	2002-07-19	5	.	0	.	0	<a href="#">get it</a>
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Rel-5 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 650

31 May 2005 21:14:10

ACTIVE specs Rel-5 52 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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## TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-10 *G: yes U:* *MCC:* Skov  
USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-10 2002-07-19 5 . 0 . 0

[get it](#)

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## TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-18 *G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:* SP-13: replaces 32.402.

*remarks - this release:* SP-18: Expected to be raised to Rel-5 at SP-19.

*history (event, available, version, comments, hyperlink):*

SP-19 2003-03-31 5 . 0 . 0 technically identical to v4.2.0

[get it](#)

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Rel-5

55 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 651

31 May 2005 21:14:10

ACTIVE specs Rel-5 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.216 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification**  
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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**TS 55.217 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data**  
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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**TS 55.218 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data**  
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 652

31 May 2005 21:14:10

ACTIVE specs Rel-5 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TR 55.919**    **Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**  
Rel-5    *current version:* none    *WG (prime / other):* S3 /    *rapporteur:* N, A    Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* yes    *U:*    *MCC:* CLAYTON, Michael  
*remarks - general:*    2003-09-30: Note: document only available with French export licence.    *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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## Rel-4

Rel-4    21 .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TS 21.101**    **Technical Specifications and Technical Reports for a UTRAN-based 3GPP system**  
Rel-4    *current version:* 4.12.0    *WG (prime / other):* SP / -    *rapporteur:* MEREDITH, John M    ETSI Secretariat  
*freeze\_meeting:* SP-20    *G:*    *U:* yes    *MCC:* POPE, Maurice  
*remarks - general:*    2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications".    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-25	4	.	9	.	0	Created from 21.102 v4.9.0	<a href="#">get it</a>
SP-22	2004-01-15	4	.	10	.	0		<a href="#">get it</a>
SP-26	2005-01-04	4	.	11	.	0		<a href="#">get it</a>
SP-27	2005-03-22	4	.	12	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 653

31 May 2005 21:14:10

ACTIVE specs Rel-4 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.111 USIM and IC card requirements

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C6 / - *rapporteur:* KALINER, Stefan T-Mobile International AG  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5 version. TP-16: decided to upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-09 4 . 0 . 0  
TP-17 2002-09-18 4 . 1 . 0

[get it](#)

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## TS 21.133 3G security; Security threats and requirements

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* CHRISTOFFERSSON, PerTeliaSonera AB  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-09 4 . 0 . 0  
SP-14 2002-01-07 4 . 1 . 0

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## TR 21.801 Specification drafting rules

Rel-4 *current version:* 4.4.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:* *remarks - this release:* Formal doc created after TSG#7. (Was briefly 21.200)

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-28 1 . 0 . 0  
SP-08 2000-06-30 4 . 0 . 0  
SP-11 2001-04-11 4 . 1 . 0  
SP-13 2001-10-01 4 . 2 . 0  
SP-15 2002-03-27 4 . 3 . 0  
SP-23 2004-04-02 4 . 4 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 654

31 May 2005 21:14:10

ACTIVE specs Rel-4 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TR 21.900 Technical Specification Group working methods

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* SP-22: Fron now on, is null document pointing to equivalent in latest Release.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-11 4 . 0 . 0  
SP-22 2004-01-14 4 . 1 . 0

[get it](#)

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## TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least, so include it in that set.

*remarks - this release:* Absorbs 01.04.

*history (event, available, version, comments, hyperlink):*

SP-09 2000-10-18 4 . 0 . 0  
SP-10 2001-01-08 4 . 1 . 0  
SP-11 2001-04-02 4 . 2 . 0  
SP-12 2001-06-27 4 . 3 . 0  
SP-13 2001-10-05 4 . 4 . 0  
SP-20 2003-06-18 4 . 5 . 0

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Rel-4 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 655

31 May 2005 21:14:10

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-18	4 . 0 . 0	<a href="#">get it</a>
SP-10	2001-01-08	4 . 1 . 0	<a href="#">get it</a>
remove change bars	2001-02-28	4 . 1 . 1	<a href="#">get it</a>
SP-12	2001-06-27	4 . 2 . 0	<a href="#">get it</a>
SP-15	2002-03-25	4 . 3 . 0	<a href="#">get it</a>

---

**TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-18	4 . 0 . 0	<a href="#">get it</a>
SP-11	2001-04-02	4 . 1 . 0	<a href="#">get it</a>
SP-12	2001-06-27	4 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 656

31 May 2005 21:14:10

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	4	.	0	.	0	<a href="#">get it</a>
SP-10	2001-01-08	4	.	1	.	0	<a href="#">get it</a>
SP-12	2001-06-27	4	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	3	.	0	<a href="#">get it</a>

---

## TS 22.004 General on supplementary services

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	1	.	0	<a href="#">get it</a>
SP-16	2002-07-04	4	.	2	.	0	<a href="#">get it</a>
SP-24	2004-06-14	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 657

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.011 Service accessibility**

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA

*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	4	.	0	.	0	<a href="#">get it</a>
SP-08	2000-06-28	4	.	1	.	0	<a href="#">get it</a>
SP-09	2000-10-18	4	.	2	.	0	<a href="#">get it</a>
SP-11	2001-04-02	4	.	3	.	0	<a href="#">get it</a>
SP-12	2001-06-27	4	.	4	.	0	<a href="#">get it</a>
SP-14	2002-01-10	4	.	5	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	6	.	0	<a href="#">get it</a>
SP-16	2002-07-04	4	.	7	.	0	<a href="#">get it</a>
SP-17	2002-09-17	4	.	8	.	0	<a href="#">get it</a>

---

**TS 22.016 International Mobile Equipment Identities (IMEI)**

Rel-4 *current version:* 4.2.1

*freeze\_meeting:* SP-11

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:* TSG#8: CR proposed creation, but not aprvd.

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	1	.	0	<a href="#">get it</a>
SP-16	2002-07-04	4	.	2	.	0	<a href="#">get it</a>
edito post SP-16	2002-07-19	4	.	2	.	1	<a href="#">get it</a> History box

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 658

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
*freeze\_meeting:* SP-11  
G: yes U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0  
SP-16 2002-06-19 4 . 1 . 0

[get it](#)  
[get it](#)

---

**TS 22.024 Description of Charge Advice Information (CAI)**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-11  
G: yes U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4,CR at TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

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**TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*freeze\_meeting:* SP-11  
G: yes U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 659

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-18  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & *remarks - this release:* Created from 42.031 Rel-4.  
Rel-5 -> 22.031.

*history (event, available, version, comments, hyperlink):*  
SP-18 2003-01-06 4 . 0 . 0 Technically identical to 42.031 v4.0.0. [get it](#)

---

**TS 22.032 Immediate Service Termination (IST); Service description; Stage 1**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-16  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). *remarks - this release:* SP-16: Takes over from 42.032 Rel-4.

*history (event, available, version, comments, hyperlink):*  
SP-16 2002-06-24 4 . 0 . 0 [get it](#)

---

**TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-02 4 . 0 . 0 [get it](#)  
SP-16 2002-07-04 4 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 660

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-18	4	.	0	.	0	<a href="#">get it</a>
SP-10	2001-01-08	4	.	1	.	0	<a href="#">get it</a>
SP-20	2003-06-18	4	.	2	.	0	<a href="#">get it</a>
SP-22	2004-01-06	4	.	3	.	0	<a href="#">get it</a>

---

**TS 22.041 Operator Determined Call Barring**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10	2001-01-08	4	.	0	.	0	<a href="#">get it</a>
SP-11	2001-04-02	4	.	1	.	0	<a href="#">get it</a>

---

**TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1**

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	1	.	0	<a href="#">get it</a>
SP-20	2003-06-18	4	.	2	.	0	<a href="#">get it</a>
corect cover date	2003-06-26	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 661

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.048 Security mechanisms for the (U)SIM application toolkit; Stage 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C6 / S3 *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* TP-12 *G: yes U: yes* *MCC:* LENHART, Gabriele  
*remarks - general:* TP-12: was previously 42.048.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-12 2001-07-06 4 . 0 . 0 [get it](#)

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## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1999-04-23 0 . 0 . 0 [get it](#)  
SP-03 1999-04-23 0 . 1 . 1 [get it](#)  
SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
edito 2001-10-01 4 . 0 . 1 [get it](#)

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## TS 22.057 Mobile Execution Environment (MExE) service description; Stage 1

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09 2000-10-18 4 . 0 . 0 [get it](#)  
SP-15 2002-03-25 4 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 662

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	4	.	0	.	0	<a href="#">get it</a>
SP-08	2000-06-28	4	.	1	.	0	<a href="#">get it</a>
SP-10	2001-01-08	4	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	3	.	0	<a href="#">get it</a>
SP-16	2002-07-04	4	.	4	.	0	<a href="#">get it</a>

---

## TS 22.066 Support of Mobile Number Portability (MNP); Stage 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
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## TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10	2001-01-08	4	.	0	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 663

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.071 Location Services (LCS); Stage 1

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-08	2000-06-28	4 . 0 . 0	based on 3.2.0	<a href="#">get it</a>
	SP-09	2000-10-18	4 . 1 . 0		<a href="#">get it</a>
	SP-10	2001-01-08	4 . 2 . 0		<a href="#">get it</a>
	SP-11	2001-04-02	4 . 3 . 0		<a href="#">get it</a>
	SP-15	2002-03-25	4 . 4 . 0		<a href="#">get it</a>
edito post	SP-15	2002-04-04	4 . 4 . 1		<a href="#">get it</a>
	SP-21	2003-09-30	4 . 5 . 0		<a href="#">get it</a>
	SP-23	2004-03-23	4 . 6 . 0		<a href="#">get it</a>

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## TS 22.072 Call Deflection (CD); Stage 1

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*remarks - general:* Transfer>TSG#4

*history (event, available, version, comments, hyperlink):*

	SP-11	2001-04-02	4 . 0 . 0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 664

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
edito	2001-10-01	4	.	0	.	1	<a href="#">get it</a>

---

**TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-29	4	.	0	.	0	<a href="#">get it</a>
SP-10	2001-01-08	4	.	1	.	0	<a href="#">get it</a>
SP-11	2001-04-02	4	.	2	.	0	<a href="#">get it</a>
SP-12	2001-06-27	4	.	3	.	0	<a href="#">get it</a>
SP-14	2002-01-10	4	.	4	.	0	<a href="#">get it</a>
SP-15	2002-03-25	4	.	5	.	0	<a href="#">get it</a>

---

**TS 22.079 Support of optimal routing; Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 665

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.081 Line Identification supplementary services; Stage 1**  
Rel-4 *current version:* 4.1.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

[get it](#)  
[get it](#)

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**TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1**  
Rel-4 *current version:* 4.2.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0  
SP-12 2001-06-29 4 . 1 . 0  
SP-15 2002-03-25 4 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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**TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1**  
Rel-4 *current version:* 4.1.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 666

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.084 MultiParty (MPY) supplementary service; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

[get it](#)

[get it](#)

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## TS 22.085 Closed User Group (CUG) supplementary services; Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

[get it](#)

[get it](#)

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## TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11  
remarks - general: Transfer>TSG#4

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: yes MCC: CLAYTON, Michael  
remarks - this release:

history (event, available, version, comments, hyperlink):

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 667

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.087 User-to-user signalling (UUS); Stage 1**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

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**TS 22.088 Call Barring (CB) supplementary services; Stage 1**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0  
SP-15 2002-03-25 4 . 1 . 0

[get it](#)

[get it](#)

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**TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 668

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0 [get it](#)

---

**TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0 [get it](#)

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**TS 22.094 Follow Me service description - Stage 1**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094. *remarks - this release:* Apr2001: V3 unwithdrawn, so Rel-4 version produced.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0 [get it](#)  
SP-15 2002-03-25 4 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 669

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.096 Name identification supplementary services; Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0 [get it](#)

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**TS 22.097 Multiple Subscriber Profile (MSP) Phase 2; Service description; Stage 1**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4. 2005-03-22: "Phase 1" changed to "Phase 2" following CR at SP-05 (!). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0 [get it](#)  
SP-15 2002-03-25 4 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 670

31 May 2005 21:14:11

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.101 Service aspects; Service principles

Rel-4 current version: 4.10.0

freeze\_meeting: SP-11

WG (prime / other): S1 / - rapporteur: DEOL, Amar  
G: U: yes MCC: CLAYTON, Michael

Nortel Networks (USA)

remarks - general:

remarks - this release: based on 3.9.0

history (event, available, version, comments, hyperlink):

	SP-08	2000-06-28	4	.	0	.	0	based on 3.9.0	<a href="#">get it</a>
	SP-09	2000-10-18	4	.	1	.	0		<a href="#">get it</a>
	SP-10	2001-01-08	4	.	2	.	0		<a href="#">get it</a>
	SP-11	2001-04-02	4	.	3	.	0		<a href="#">get it</a>
	SP-12	2001-06-27	4	.	4	.	0		<a href="#">get it</a>
spelling corrections		2001-07-31	4	.	4	.	1		<a href="#">get it</a>
	SP-13	2001-10-05	4	.	5	.	0		<a href="#">get it</a>
	SP-15	2002-03-25	4	.	6	.	0		<a href="#">get it</a>
	SP-20	2003-06-18	4	.	7	.	0		<a href="#">get it</a>
	SP-21	2003-09-30	4	.	8	.	0		<a href="#">get it</a>
	SP-22	2004-01-06	4	.	9	.	0		<a href="#">get it</a>
	SP-23	2004-03-23	4	.	10	.	0		<a href="#">get it</a>

---

## TS 22.105 Services and service capabilities

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

WG (prime / other): S1 / - rapporteur: ZARRI, Michele  
G: U: yes MCC: CLAYTON, Michael

T-Mobile International AG

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

	SP-09	2000-10-18	4	.	0	.	0		<a href="#">get it</a>
	SP-10	2001-01-08	4	.	1	.	0		<a href="#">get it</a>
	SP-12	2001-06-27	4	.	2	.	0		<a href="#">get it</a>
	SP-15	2002-03-25	4	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 671

31 May 2005 21:14:12

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.115 Service aspects; Charging and billing

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0  
SP-22 2004-01-06 4 . 1 . 0

[get it](#)

[get it](#)

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## TR 22.121 Service aspects; The Virtual Home Environment (VHE); Stage 1

Rel-4 *current version:* 4.1.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael

*remarks - general:* Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-04 2000-10-18 4 . 0 . 0  
SP-11 2001-04-02 4 . 1 . 0  
SP-16 2002-07-19 4 . 1 . 1 Converted from TS to TR.

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 672

31 May 2005 21:14:12

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-4 current version: 4.4.0  
freeze\_meeting: SP-11

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
G: U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft		0 . 1 . 0	
draft		0 . 2 . 0	
draft		0 . 3 . 0	
draft		0 . 4 . 0	
draft		0 . 5 . 0	
SP-09	2000-09-28	1 . 0 . 0	<a href="#">get it</a>
draft		1 . 0 . 1	
draft		1 . 1 . 0	
draft		1 . 1 . 0	
draft		1 . 2 . 0	
SP-10		2 . 0 . 0	SP-000551
SP-10	2001-01-12	4 . 0 . 0	<a href="#">get it</a>
SP-11	2001-04-02	4 . 1 . 0	<a href="#">get it</a>
SP-12	2001-06-27	4 . 2 . 0	<a href="#">get it</a>
SP-14	2002-01-10	4 . 3 . 0	<a href="#">get it</a>
SP-15	2002-03-28	4 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 673

31 May 2005 21:14:12

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE SA  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-18	4	.	0	.	0	<a href="#">get it</a>
SP-10	2001-01-08	4	.	1	.	0	<a href="#">get it</a>
SP-11	2001-04-02	4	.	2	.	0	<a href="#">get it</a>
SP-12	2001-06-27	4	.	3	.	0	<a href="#">get it</a>
SP-14	2002-01-10	4	.	4	.	0	<a href="#">get it</a>

---

**TS 22.135 Multicall; Service description; Stage 1**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
SP-15	2002-03-27	4	.	1	.	0	<a href="#">get it</a>
SP-16		4	.	2	.	0	CR010 unimplementable because written to wrong version. No new CR at SP-17; still waiting.
SP-18	2002-12-18	4	.	2	.	0	CR010r1 implemented <a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 674

31 May 2005 21:14:12

ACTIVE specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

WG (prime / other): S1 / - rapporteur: MEYER, Juergen SIEMENS AG  
G: U: yes MCC: CLAYTON, Michael

remarks - general: (development in T2)

remarks - this release: based on 3.0.0

history (event, available, version, comments, hyperlink):

SP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
SP-05	1999-10-08	1	.	0	.	0		<a href="#">get it</a>
SP-06	1999-12-17	2	.	0	.	0		<a href="#">get it</a>
SP-08		4	.	0	.	0		
SP-08	2000-06-28	4	.	0	.	1		<a href="#">get it</a>
SP-11	2001-04-02	4	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-28	4	.	2	.	0		<a href="#">get it</a>
SP-18	2003-01-07	4	.	3	.	0		<a href="#">get it</a>

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Rel-4

23 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 675

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.002 Network architecture**

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG

*G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Transfer>TSG#4,CR at TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-18	4	.	0	.	0	<a href="#">get it</a>
SP-10	2000-12-21	4	.	1	.	0	<a href="#">get it</a>
SP-11	2001-04-06	4	.	2	.	0	<a href="#">get it</a>
SP-12	2001-06-29	4	.	3	.	0	<a href="#">get it</a>
SP-14	2002-01-07	4	.	4	.	0	<a href="#">get it</a>
SP-17	2002-09-24	4	.	5	.	0	<a href="#">get it</a>
SP-18	2003-01-10	4	.	6	.	0	<a href="#">get it</a>
SP-19	2003-03-27	4	.	7	.	0	<a href="#">get it</a>
SP-20	2003-06-20	4	.	8	.	0	<a href="#">get it</a>

---

**TS 23.003 Numbering, addressing and identification**

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-27	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
NP-16	2002-06-21	4	.	4	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-27	4	.	6	.	0	<a href="#">get it</a>
NP-21	2003-10-09	4	.	7	.	0	<a href="#">get it</a>
NP-22	2004-01-12	4	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 676

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.007 Restoration procedures

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* SP-11

*WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
corrects	2002-06-24	4	.	0	.	1	<a href="#">get it</a>
NP-16	2002-06-21	4	.	1	.	0	<a href="#">get it</a>
corrects	2002-09-24	4	.	1	.	1	<a href="#">get it</a>
NP-22	2004-01-12	4	.	2	.	0	<a href="#">get it</a>

---

## TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.3.0

*freeze\_meeting:* SP-11

*WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-28	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-27	4	.	1	.	0	<a href="#">get it</a>
NP-16	2002-06-21	4	.	2	.	0	<a href="#">get it</a>
NP-20	2003-06-27	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 677

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.009 Handover procedures**

Rel-4 *current version:* 4.9.0

*freeze\_meeting:* SP-11

*WG (prime / other):* C1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-05	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-08	4	.	3	.	0	<a href="#">get it</a>
NP-16	2002-06-20	4	.	4	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	5	.	0	<a href="#">get it</a>
NP-18	2003-01-02	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-03-24	4	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-27	4	.	8	.	0	<a href="#">get it</a>
NP-22	2004-01-05	4	.	9	.	0	<a href="#">get it</a>

---

**TS 23.011 Technical realization of Supplementary Services**

Rel-4 *current version:* 4.0.1

*freeze\_meeting:* SP-11

*WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG

*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
corrects	2002-06-24	4	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 678

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.012 Location management procedures

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)

---

## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Should not be in UMTS ???CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0 [get it](#)  
NP-17 2002-09-17 4 . 1 . 0 [get it](#)

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## TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-02 4 . 0 . 0 [get it](#)  
corrects 2002-06-24 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 679

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.016 Subscriber data management; Stage 2

Rel-4 *current version:* 4.4.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11	2001-03-30	4	.	0	.	0	<a href="#">get it</a>
NP-15	2002-03-28	4	.	1	.	0	<a href="#">get it</a>
NP-16	2002-06-21	4	.	2	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	3	.	0	<a href="#">get it</a>
NP-23	2004-03-23	4	.	4	.	0	<a href="#">get it</a>

---

## TS 23.018 Basic Call Handling; Technical realization

Rel-4 *current version:* 4.7.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-09	2000-10-25	4	.	0	.	0	<a href="#">get it</a>
NP-10	2000-12-21	4	.	1	.	0	<a href="#">get it</a>
NP-11	2001-04-06	4	.	2	.	0	<a href="#">get it</a>
NP-12	2001-06-27	4	.	3	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	4	.	0	<a href="#">get it</a>
NP-14	2002-01-16	4	.	5	.	0	<a href="#">get it</a>
NP-15	2002-03-28	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-04-04	4	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 680

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.031 Fraud Information Gathering System (FIGS); Service description; Stage 2**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-18  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & *remarks - this release:* Created from 43.031 Rel-4.  
Rel-5 -> 23.031.

*history (event, available, version, comments, hyperlink):*

SP-18 2003-01-06 4 . 0 . 0 Technically identical to 43.031 v4.0.0 [get it](#)

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**TS 23.032 Universal Geographical Area Description (GAD)**  
Rel-4 *current version:* 4.1.1 *WG (prime / other):* S2 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* S2 responsibility? *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-11 4 . 0 . 0 [get it](#)

SP-18 2003-01-07 4 . 1 . 0 [get it](#)

edito post SP-18 to 2003-01-10 4 . 1 . 1 [get it](#)

correct figures

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**TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* C1 / - *rapporteur:* SITCH, Paul NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 681

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.035 Immediate Service Termination (IST); Stage 2**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). *remarks - this release:* SP-16: takes over from 43.035 Rel-4

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-24	4	.	0	.	0	<a href="#">get it</a>
SP-17	2002-09-18	4	.	1	.	0	<a href="#">get it</a>

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**TS 23.038 Alphabets and language-specific information**  
Rel-4 *current version:* 4.5.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* based on 3.3.0

*history (event, available, version, comments, hyperlink):*

TP-08	2000-06-23	4	.	0	.	0	<a href="#">get it</a>
TP-10	2001-01-03	4	.	1	.	0	<a href="#">get it</a>
TP-11	2001-03-29	4	.	2	.	0	<a href="#">get it</a>
TP-13	2001-10-03	4	.	3	.	0	<a href="#">get it</a>
TP-14	2002-01-11	4	.	4	.	0	<a href="#">get it</a>
TP-25	2004-09-23	4	.	5	.	0	<a href="#">get it</a>

---

**TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 682

31 May 2005 21:14:12

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.9.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-08	2000-06-23	4 . 0 . 0	<a href="#">get it</a>
TP-09	2000-10-11	4 . 1 . 0	<a href="#">get it</a>
TP-11	2001-03-29	4 . 2 . 0	<a href="#">get it</a>
TP-12	2001-07-02	4 . 3 . 0	<a href="#">get it</a>
TP-13	2001-10-03	4 . 4 . 0	<a href="#">get it</a>
TP-14	2002-01-11	4 . 5 . 0	<a href="#">get it</a>
TP-15	2002-03-21	4 . 6 . 0	<a href="#">get it</a>
TP-16	2002-06-25	4 . 7 . 0	<a href="#">get it</a>
TP-20	2003-06-26	4 . 8 . 0	<a href="#">get it</a>
TP-25	2004-09-23	4 . 9 . 0	<a href="#">get it</a>

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## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-11	2001-04-06	4 . 0 . 0	<a href="#">get it</a>
TP-12	2001-07-04	4 . 1 . 0	<a href="#">get it</a>
TP-14	2002-01-11	4 . 2 . 0	<a href="#">get it</a>
TP-16	2002-07-02	4 . 3 . 0	<a href="#">get it</a>
TP-19	2003-03-24	4 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 683

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* TP-27: Former WG = T2. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-06 4 . 0 . 0 [get it](#)  
include test vector 2001-10-17 4 . 0 . 1 [get it](#)  
file

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## TS 23.048 Security mechanisms for the (U)SIM application toolkit; Stage 2

Rel-4 *current version:* 4.4.0 *WG (prime / other):* C6 / - *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* TP-12 *G: yes U: yes* *MCC:* LENHART, Gabriele  
*remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-12 2001-07-06 4 . 0 . 0 [get it](#)  
TP-13 2001-10-12 4 . 1 . 0 [get it](#)  
TP-14 2002-01-17 4 . 2 . 0 [get it](#)  
TP-15 2002-03-28 4 . 3 . 0 [get it](#)  
TP-19 2003-03-26 4 . 4 . 0 [get it](#)

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## TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* No draft. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 0 . 0 . 0 [get it](#)  
SP-11 2001-03-29 4 . 0 . 0 [get it](#)  
edito 2001-10-01 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 684

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-4      *current version:* 4.5.0      *WG (prime / other):* S1 / -      *rapporteur:* BRENK, Lars      TTP Communications plc  
*freeze\_meeting:* SP-11      *G: yes U: yes*      *MCC:* CLAYTON, Michael  
*remarks - general:*      Apr-2001: " Station Application" removed from title. SP-27: Moved to current group on closure of T2; see TP-050062.      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-10	2000-12-22	4 . 0 . 0	<a href="#">get it</a>
TP-11	2001-04-11	4 . 1 . 0	<a href="#">get it</a>
TP-12	2001-07-05	4 . 2 . 0	<a href="#">get it</a>
TP-13	2001-10-05	4 . 3 . 0	<a href="#">get it</a>
include fig 5	2001-10-18	4 . 3 . 1	<a href="#">get it</a>
TP-14	2002-01-16	4 . 4 . 0	<a href="#">get it</a>
TP-15	2002-03-25	4 . 5 . 0	<a href="#">get it</a>

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## TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

Rel-4      *current version:* 4.9.0      *WG (prime / other):* S2 / -      *rapporteur:* KUCHIBHOTLA, Ravi      MOTOROLA Ltd  
*freeze\_meeting:* SP-11      *G: yes U: yes*      *MCC:* POPE, Maurice  
*remarks - general:*      Transfer>TSG#4      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-06	4 . 0 . 0	<a href="#">get it</a>
SP-12	2001-06-29	4 . 1 . 0	<a href="#">get it</a>
SP-13	2001-10-12	4 . 2 . 0	<a href="#">get it</a>
SP-14	2002-01-08	4 . 3 . 0	<a href="#">get it</a>
edito		4 . 3 . 1	
SP-15	2002-04-05	4 . 4 . 0	<a href="#">get it</a>
SP-16	2002-06-17	4 . 5 . 0	<a href="#">get it</a>
SP-17	2002-10-02	4 . 6 . 0	<a href="#">get it</a>
SP-18	2003-01-10	4 . 7 . 0	<a href="#">get it</a>
SP-20	2003-06-20	4 . 8 . 0	<a href="#">get it</a>
SP-22	2004-01-06	4 . 9 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 685

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4, CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0  
corrects 2002-06-24 4 . 0 . 1

[get it](#)

[get it](#)

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## TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-4 *current version:* 4.1.1 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-10 2000-12-21 4 . 0 . 0  
NP-12 2001-06-27 4 . 1 . 0  
corrects 2002-06-24 4 . 1 . 1

[get it](#)

[get it](#)

[get it](#)

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## TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0  
corrects 2002-06-24 4 . 0 . 1

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 686

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-4 *current version:* 4.11.1 *WG (prime / other):* C4 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Phase 3.

### *history (event, available, version, comments, hyperlink):*

NP-11	2001-04-02	4 . 0 . 0	<a href="#">get it</a>
NP-12	2001-06-29	4 . 1 . 0	<a href="#">get it</a>
NP-13	2001-10-03	4 . 2 . 0	<a href="#">get it</a>
NP-14	2002-01-04	4 . 3 . 0	<a href="#">get it</a>
NP-15	2002-03-19	4 . 4 . 0	<a href="#">get it</a>
NP-16	2002-06-17	4 . 5 . 0	<a href="#">get it</a>
post NP-16 edito	2002-06-19	4 . 5 . 1	<a href="#">get it</a>
NP-17	2002-09-17	4 . 6 . 0	<a href="#">get it</a>
editorial correction to cover page	2002-11-14	4 . 6 . 1	<a href="#">get it</a>
		minor correction, no need for SDO publication	
NP-18	2002-12-18	4 . 7 . 0	<a href="#">get it</a>
NP-19	2003-03-25	4 . 8 . 0	<a href="#">get it</a>
NP-20	2003-06-23	4 . 9 . 0	<a href="#">get it</a>
NP-21	2003-09-29	4 . 10 . 0	<a href="#">get it</a>
NP-23	2004-03-25	4 . 11 . 0	<a href="#">get it</a>
ediorial post NP-23	2004-04-21	4 . 11 . 1	<a href="#">get it</a>
		typo on cover page	

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## TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

Rel-4 *current version:* 4.2.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CR at TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4 . 0 . 0	<a href="#">get it</a>
NP-16	2002-06-21	4 . 1 . 0	<a href="#">get it</a>
NP-18	2003-01-07	4 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 687

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.081 Line Identification supplementary services; Stage 2

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	1	.	0	<a href="#">get it</a>

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## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-27	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
NP-16	2002-06-21	4	.	3	.	0	<a href="#">get it</a>

---

## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-09	2000-10-26	4	.	0	.	0	<a href="#">get it</a>
NP-11	2001-03-30	4	.	1	.	0	<a href="#">get it</a>
inclusion of missed CR	2001-04-24	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-10	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 688

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.084 MultiParty (MPY) Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-03-30 4 . 0 . 0

[get it](#)

---

## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 689

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
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## TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)

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## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)

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## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 690

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-03-30 4 . 0 . 0  
NP-17 2002-09-17 4 . 1 . 0

[get it](#)

[get it](#)

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## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.094 Follow Me Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4. GSM only @TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 691

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.096 Name Identification Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 23.101 General UMTS Architecture

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: U: yes* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-11 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 692

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
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## TS 23.107 Quality of Service (QoS) concept and architecture

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S2 / - *rapporteur:* RINNE, Janne NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:* was 23.907. SP-27: scope includes GERAN as well as UTRAN, so this spec will now appear in 01.01 / 41.101 henceforward. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10	2000-12-22	4	.	0	.	0		<a href="#">get it</a>
SP-12	2001-06-29	4	.	1	.	0		<a href="#">get it</a>
SP-13	2001-10-12	4	.	2	.	0		<a href="#">get it</a>
SP-14	2002-01-07	4	.	3	.	0		<a href="#">get it</a>
SP-15	2002-04-07	4	.	4	.	0		<a href="#">get it</a>
SP-17	2002-09-24	4	.	5	.	0		<a href="#">get it</a>
SP-18	2003-01-10	4	.	6	.	0		<a href="#">get it</a>

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## TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* This is clause 7 from 04.08 ex R98.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-11	4	.	0	.	0	NP-15 withdrawn	<a href="#">get it</a>
post NP-16	2002-06-28	4	.	0	.	1	update history table	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 693

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.110 UMTS Access Stratum Services and Functions**  
Rel-4 *current version:* 4.0.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* S2 / - *rapporteur:* LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One  
*G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-11 4 . 0 . 0 [get it](#)

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**TS 23.116 Super-Charger technical realization; Stage 2**  
Rel-4 *current version:* 4.2.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* C4 / - *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
NP-12 2001-06-27 4 . 1 . 0 [get it](#)  
NP-14 2002-01-10 4 . 2 . 0 [get it](#)

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**TS 23.119 Gateway Location Register (GLR); Stage2**  
Rel-4 *current version:* 4.0.0 *freeze\_meeting:* SP-11  
*WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
NP-11 2001-04-04 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 694

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

Rel-4 *current version:* 4.4.0 *WG (prime / other):* C1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of R98 features.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-07-05	4	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	2	.	0	<a href="#">get it</a>
NP-18	2002-12-18	4	.	3	.	0	<a href="#">get it</a>
NP-21	2003-10-10	4	.	4	.	0	<a href="#">get it</a>

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## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice

*remarks - general:* Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred from S2 to N5 at N/SP-25. SP-27: Still with S2, but Rel-6 onwards -> 23.198 with N5 (see SP-050010). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-11-06	4	.	0	.	0	<a href="#">get it</a>
SP-11	2001-04-06	4	.	1	.	0	<a href="#">get it</a>
SP-12	2001-06-29	4	.	2	.	0	<a href="#">get it</a>
SP-15	2002-04-05	4	.	3	.	0	<a href="#">get it</a>

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## TS 23.135 Multicall supplementary service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-09	2000-10-25	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 695

31 May 2005 21:14:13

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-4 *current version:* 4.10.0 *WG (prime / other):* CP / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-09	2000-10-06	4 . 0 . 0	<a href="#">get it</a>
TP-10	2000-12-21	4 . 1 . 0	<a href="#">get it</a>
TP-11	2001-03-29	4 . 2 . 0	<a href="#">get it</a>
TP-12	2001-07-03	4 . 3 . 0	<a href="#">get it</a>
TP-13	2001-10-05	4 . 4 . 0	<a href="#">get it</a>
TP-14	2002-01-11	4 . 5 . 0	<a href="#">get it</a>
TP-15	2002-03-21	4 . 6 . 0	<a href="#">get it</a>
TP-16	2002-06-25	4 . 7 . 0	<a href="#">get it</a>
TP-17	2002-09-23	4 . 8 . 0	<a href="#">get it</a>
TP-19	2003-03-31	4 . 9 . 0	<a href="#">get it</a>
TP-20	2003-06-24	4 . 10 . 0	<a href="#">get it</a>

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## TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.  
*freeze\_meeting:* SP-11 *G: U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available!"

*history (event, available, version, comments, hyperlink):*

NP-06	1999-12-17	1 . 0 . 0	<a href="#">get it</a>
NP-07	2000-03-17	1 . 1 . 0	<a href="#">get it</a>
N3-10	2000-05-25	2 . 0 . 0	<a href="#">get it</a>
NP-08	2000-06-23	4 . 0 . 0	<a href="#">get it</a>
NP-09	2000-10-12	4 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 696

31 May 2005 21:14:14

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.12.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-10 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft	2000-01-14	1	.	0	.	0		<a href="#">get it</a>
NP-07	2000-11-21	2	.	0	.	0	argument in SA over r99 or r00] concl: not approved	<a href="#">get it</a>
NP-10		2	.	3	.	0	NP-000653	
NP-10	2001-01-09	4	.	0	.	0		<a href="#">get it</a>
NP-11	2001-04-04	4	.	1	.	0		<a href="#">get it</a>
NP-12	2001-06-27	4	.	2	.	0		<a href="#">get it</a>
NP-13	2001-10-03	4	.	3	.	0		<a href="#">get it</a>
NP-14	2002-01-10	4	.	4	.	0		<a href="#">get it</a>
NP-17	2002-09-18	4	.	5	.	0		<a href="#">get it</a>
NP-18	2003-01-09	4	.	6	.	0		<a href="#">get it</a>
NP-19	2003-04-04	4	.	7	.	0		<a href="#">get it</a>
NP-20	2003-06-27	4	.	8	.	0		<a href="#">get it</a>
NP-21	2003-10-09	4	.	9	.	0		<a href="#">get it</a>
NP-24	2004-06-15	4	.	10	.	0		<a href="#">get it</a>
NP-26	2005-01-07	4	.	11	.	0		<a href="#">get it</a>
NP-27	2005-04-01	4	.	12	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 697

31 May 2005 21:14:14

ACTIVE specs Rel-4 23 .- series  
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## TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-4 *current version:* 4.8.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2000-10: Rap change from Keutmann.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-10	2001-01-12	1	.	0	.	1	N4-001104	<a href="#">get it</a>
NP-11	2001-03-30	4	.	0	.	0		<a href="#">get it</a>
NP-12	2001-07-06	4	.	1	.	0		<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0		<a href="#">get it</a>
NP-14	2002-01-10	4	.	3	.	0		<a href="#">get it</a>
NP-15	2002-03-28	4	.	4	.	0		<a href="#">get it</a>
NP-16	2002-06-21	4	.	5	.	0		<a href="#">get it</a>
NP-17	2002-09-18	4	.	6	.	0		<a href="#">get it</a>
NP-20	2003-06-27	4	.	7	.	0		<a href="#">get it</a>
NP-27	2005-04-01	4	.	8	.	0		<a href="#">get it</a>

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## TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Derived from R99-specific 23.121 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2000-11-07	0	.	0	.	5		<a href="#">get it</a>
SP-10	2001-01-31	1	.	0	.	0	SP-000595	<a href="#">get it</a>
draft	2001-02-01	1	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>
SP-12	2001-07-02	4	.	1	.	0		<a href="#">get it</a>
SP-16	2002-06-18	4	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 698

31 May 2005 21:14:14

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.227 Application and user interaction in the UE; Principles and specific requirements**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH

*freeze\_meeting:* SP-11

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2000-09-06	0	.	1	.	0	<a href="#">get it</a>
TP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-26	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 699

31 May 2005 21:14:14

ACTIVE specs Rel-4 23 .- series  
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## TS 23.271 Functional stage 2 description of Location Services (LCS)

Rel-4 *current version:* 4.13.0 *WG (prime / other):* S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

*remarks - this release:* post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

### *history (event, available, version, comments, hyperlink):*

draft	2000-07-10	0	.	1	.	0		<a href="#">get it</a>
draft	2000-09-14	0	.	2	.	0		<a href="#">get it</a>
SP-09	2000-11-09	1	.	0	.	0		<a href="#">get it</a>
draft	2000-11-22	1	.	1	.	0		<a href="#">get it</a>
SP-10		2	.	0	.	0	SP-000596	
SP-10	2001-02-27	4	.	0	.	0		<a href="#">get it</a>
SP-11	2001-04-11	4	.	1	.	0		<a href="#">get it</a>
SP-12	2001-07-02	4	.	2	.	0		<a href="#">get it</a>
SP-13	2001-10-15	4	.	3	.	0		<a href="#">get it</a>
SP-14	2002-01-07	4	.	4	.	0		<a href="#">get it</a>
SP-15	2002-03-29	4	.	5	.	0		<a href="#">get it</a>
SP-16	2002-06-18	4	.	6	.	0		<a href="#">get it</a>
SP-17	2002-09-24	4	.	7	.	0		<a href="#">get it</a>
SP-18	2003-01-09	4	.	8	.	0		<a href="#">get it</a>
SP-20	2003-06-23	4	.	9	.	0		<a href="#">get it</a>
SP-21	2003-10-02	4	.	10	.	0		<a href="#">get it</a>
SP-23	2004-04-01	4	.	11	.	0		<a href="#">get it</a>
SP-25	2004-09-27	4	.	12	.	0		<a href="#">get it</a>
SP-26	2005-01-06	4	.	13	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 700

31 May 2005 21:14:14

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.873 Feasibility study for transport and control separation in the PS CN domain**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* IBANEZ, Juan-Antonio Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2000-09-12	0	.	2	.	0	<a href="#">get it</a>
draft	2000-11-08	0	.	3	.	0	<a href="#">get it</a>
draft	2000-11-20	0	.	4	.	0	<a href="#">get it</a>
SP-10	2001-01-31	1	.	0	.	0	<a href="#">get it</a>
draft	2000-12-30	1	.	1	.	0	<a href="#">get it</a>
SP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>

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**TR 23.908 Technical report on Pre-Paging**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
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**TR 23.909 Technical report on the Gateway Location Register**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 701

31 May 2005 21:14:14

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.910 Circuit switched data bearer services

Rel-4 *current version:* 4.9.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* HAN, Seung Don

*remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval). NP-25: TSG CN proposing to convert to a TS.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-09	2000-10-18	4 . 0 . 0	<a href="#">get it</a>
edito	2000-10-24	4 . 0 . 1	<a href="#">get it</a>
NP-10	2000-12-22	4 . 1 . 0	<a href="#">get it</a>
NP-11	2001-04-06	4 . 2 . 0	<a href="#">get it</a>
NP-12	2001-06-28	4 . 3 . 0	<a href="#">get it</a>
NP-14	2002-01-11	4 . 4 . 0	<a href="#">get it</a>
NP-17	2002-09-17	4 . 5 . 0	<a href="#">get it</a>
NP-18	2003-01-06	4 . 6 . 0	<a href="#">get it</a>
NP-19	2003-03-27	4 . 7 . 0	<a href="#">get it</a>
NP-21	2003-10-01	4 . 8 . 0	<a href="#">get it</a>
NP-27	2005-04-01	4 . 9 . 0	typo in history box claiming latest is 4.10.0 <a href="#">get it</a>

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## TR 23.911 Technical report on Out-of-band transcoder control

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 702

31 May 2005 21:14:14

ACTIVE specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.912 Technical report on Super-Charger**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
NP-14 2002-01-10 4 . 1 . 0 [get it](#)

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**TR 23.930 lu principles**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-11 4 . 0 . 0 [get it](#)

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Rel-4 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 703

31 May 2005 21:14:14

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration**  
Rel-4 *current version:* 4.1.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* Skov  
JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
NP-19	2003-03-24	4	.	1	.	0	<a href="#">get it</a>
correction of typo on cover page	2003-06-02	4	.	1	.	1	<a href="#">get it</a>

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**TS 24.007 Mobile radio interface signalling layer 3; General Aspects**  
Rel-4 *current version:* 4.4.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
NP-14	2002-01-04	4	.	1	.	0	<a href="#">get it</a>
NP-16	2002-06-24	4	.	2	.	0	<a href="#">get it</a>
NP-24	2004-06-21	4	.	3	.	0	<a href="#">get it</a>
NP-26	2005-01-07	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 704

31 May 2005 21:14:14

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3**

Rel-4 *current version:* 4.14.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-09	2000-10-12	4 . 0 . 0		<a href="#">get it</a>
NP-10	2001-01-03	4 . 1 . 0		<a href="#">get it</a>
edito	2001-01-09	4 . 1 . 1		<a href="#">get it</a>
NP-11	2001-04-06	4 . 2 . 0		<a href="#">get it</a>
edito	2001-07-06	4 . 2 . 1	replaces missing section of table	<a href="#">get it</a>
NP-12	2001-07-13	4 . 3 . 0		<a href="#">get it</a>
NP-13	2001-10-04	4 . 4 . 0		<a href="#">get it</a>
NP-14	2002-01-09	4 . 5 . 0		<a href="#">get it</a>
NP-15	2002-03-21	4 . 6 . 0		<a href="#">get it</a>
NP-16	2002-06-24	4 . 7 . 0		<a href="#">get it</a>
NP-17	2002-09-17	4 . 8 . 0		<a href="#">get it</a>
NP-18	2002-12-18	4 . 9 . 0		<a href="#">get it</a>
NP-19	2003-03-24	4 . 10 . 0		<a href="#">get it</a>
NP-20	2003-06-27	4 . 11 . 0		<a href="#">get it</a>
NP-21	2003-10-10	4 . 12 . 0		<a href="#">get it</a>
NP-23	2004-03-22	4 . 13 . 0		<a href="#">get it</a>
NP-24	2004-06-15	4 . 14 . 0		<a href="#">get it</a>

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**TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, Ramachandran QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-30	4 . 0 . 0		<a href="#">get it</a>
NP-13	2001-10-03	4 . 1 . 0		<a href="#">get it</a>
NP-14	2002-01-10	4 . 2 . 0		<a href="#">get it</a>

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# 3GPP specification status

Page 705

31 May 2005 21:14:14

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface**  
Rel-4 *current version:* 4.1.1 *WG (prime / other):* C1 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-11  
G: yes U: yes *MCC:* Skov  
JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
NP-15	2002-03-19	4	.	1	.	0	<a href="#">get it</a>
fix headers,	2002-06-28	4	.	1	.	1	<a href="#">get it</a>
restore missing figure							

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**TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* C3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* HAN, Seung Don  
*remarks - general:* CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
NP-20	2003-06-23	4	.	1	.	0	<a href="#">get it</a>

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**TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* C4 / - *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-30	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-27	4	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-10	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 706

31 May 2005 21:14:14

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
NP-12 2001-06-27 4 . 1 . 0 [get it](#)

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**TS 24.072 Call Deflection Supplementary Service; Stage 3**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
corrects 2002-06-24 4 . 0 . 1 [get it](#)

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**TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
NP-12 2001-07-04 4 . 1 . 0 [get it](#)  
NP-14 2002-01-10 4 . 2 . 0 [get it](#)  
NP-16 2002-06-21 4 . 3 . 0 [get it](#)  
editorial 2003-10-09 4 . 3 . 1 [get it](#)  
NP-26 2005-01-07 4 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 707

31 May 2005 21:14:15

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Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.081 Line Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
corrects 2002-06-24 4 . 0 . 1 [get it](#)

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## TS 24.082 Call Forwarding supplementary service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 708

31 May 2005 21:14:15

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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## TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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## TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 709

31 May 2005 21:14:15

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.087 User-to-User Signalling (UUS); Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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## TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)  
correct history box 2002-07-23 4 . 0 . 2 [get it](#)

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## TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 710

31 May 2005 21:14:15

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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## TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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## TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
correct references 2002-06-25 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 711

31 May 2005 21:14:15

ACTIVE specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.135 Multicall supplementary service; Stage 3

Rel-4 *current version:* 4.1.1 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
NP-14	2002-01-10	4	.	1	.	0	<a href="#">get it</a>
correct references	2002-06-25	4	.	1	.	1	<a href="#">get it</a>

---

Rel-4 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-4 *current version:* 4.11.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-14	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-01	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	6	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	7	.	0	<a href="#">get it</a>
RP-20	2003-06-27	4	.	8	.	0	<a href="#">get it</a>
RP-21	2003-10-10	4	.	9	.	0	<a href="#">get it</a>
RP-22	2004-01-20	4	.	10	.	0	<a href="#">get it</a>
RP-23	2004-04-01	4	.	11	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 712

31 May 2005 21:14:15

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-10	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-14	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-01	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-02	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	7	.	0	<a href="#">get it</a>

---

## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-14	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-01	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	6	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 713

31 May 2005 21:14:15

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.105 Base Station (BS) radio transmission and reception (TDD)**

Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-10	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-16	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-01	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	6	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	7	.	0	<a href="#">get it</a>
RP-24	2004-06-24	4	.	8	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 714

31 May 2005 21:14:15

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.106 UTRA repeater radio transmission and reception

Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new  
One  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Start of work	2000-08-01	0 . 0 . 1		<a href="#">get it</a>
RP-09	2000-10-13	1 . 0 . 0		<a href="#">get it</a>
RP-10	2000-12-21	1 . 1 . 0	RP-000596	<a href="#">get it</a>
RP-11	2001-04-10	4 . 0 . 0		<a href="#">get it</a>
RP-13	2001-10-10	4 . 1 . 0		<a href="#">get it</a>
RP-16	2002-07-01	4 . 2 . 0		<a href="#">get it</a>
RP-17	2002-10-02	4 . 3 . 0		<a href="#">get it</a>
RP-18	2003-01-10	4 . 4 . 0		<a href="#">get it</a>
RP-19	2003-04-04	4 . 5 . 0		<a href="#">get it</a>
RP-20	2003-06-27	4 . 6 . 0		<a href="#">get it</a>
RP-22	2004-01-20	4 . 7 . 0		<a href="#">get it</a>
RP-24	2004-06-24	4 . 8 . 0		<a href="#">get it</a>

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4 . 0 . 0		<a href="#">get it</a>
RP-12	2001-06-29	4 . 1 . 0		<a href="#">get it</a>
RP-13	2001-10-10	4 . 2 . 0		<a href="#">get it</a>
RP-17	2002-10-02	4 . 3 . 0		<a href="#">get it</a>
RP-18	2003-01-10	4 . 4 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 715

31 May 2005 21:14:15

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.123 Requirements for support of radio resource management (TDD)

Rel-4 *current version:* 4.13.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-10	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-16	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-03	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-10	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	8	.	0	<a href="#">get it</a>
RP-20	2003-07-01	4	.	9	.	0	<a href="#">get it</a>
RP-21	2003-10-10	4	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-23	4	.	11	.	0	<a href="#">get it</a>
RP-23	2004-04-01	4	.	12	.	0	<a href="#">get it</a>
RP-24	2004-06-24	4	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 716

31 May 2005 21:14:15

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.133 Requirements for support of radio resource management (FDD)

Rel-4 *current version:* 4.14.0  
*freeze\_meeting:* RP-11

*WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-10	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-17	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-04	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-04	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	8	.	0	<a href="#">get it</a>
RP-20	2003-07-01	4	.	9	.	0	<a href="#">get it</a>
RP-21	2003-10-10	4	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-23	4	.	11	.	0	<a href="#">get it</a>
RP-23	2004-04-01	4	.	12	.	0	<a href="#">get it</a>
RP-25	2004-09-30	4	.	13	.	0	<a href="#">get it</a>
RP-27	2005-04-01	4	.	14	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 717

31 May 2005 21:14:15

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-16	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-04	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-04	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	8	.	0	<a href="#">get it</a>

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## TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-4 *current version:* 4.9.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-10	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-16	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-04	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-04	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	8	.	0	<a href="#">get it</a>
RP-24	2004-06-24	4	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 718

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.143 UTRA repeater conformance testing

Rel-4 *current version:* 4.10.0

*freeze\_meeting:* RP-11

*WG (prime / other):* R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - An Andrew Company

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* Created by renumbering 25.107

*remarks - this release:* Was to have been 25.107. But never was.

### *history (event, available, version, comments, hyperlink):*

Start of work	2000-08-01	0	.	0	.	0		<a href="#">get it</a>
RP-09	2000-10-12	0	.	0	.	2		<a href="#">get it</a>
RP-10	2000-12-21	1	.	0	.	0	RP-000671	<a href="#">get it</a>
RP-11	2001-04-10	4	.	0	.	0		<a href="#">get it</a>
RP-12	2001-06-29	4	.	1	.	0		<a href="#">get it</a>
RP-13	2001-10-10	4	.	2	.	0		<a href="#">get it</a>
RP-15	2002-03-19	4	.	3	.	0		<a href="#">get it</a>
RP-16	2002-07-03	4	.	4	.	0		<a href="#">get it</a>
RP-17	2002-10-02	4	.	5	.	0		<a href="#">get it</a>
RP-18	2003-01-10	4	.	6	.	0		<a href="#">get it</a>
RP-19	2003-04-04	4	.	7	.	0		<a href="#">get it</a>
RP-20	2003-06-27	4	.	8	.	0		<a href="#">get it</a>
RP-22	2004-01-23	4	.	9	.	0		<a href="#">get it</a>
RP-24	2004-06-24	4	.	10	.	0		<a href="#">get it</a>

---

## TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0		<a href="#">get it</a>
RP-14	2002-01-09	4	.	1	.	0		<a href="#">get it</a>
RP-15	2002-03-29	4	.	2	.	0		<a href="#">get it</a>
RP-16	2002-06-28	4	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 719

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-09-27	4	.	6	.	0	<a href="#">get it</a>

---

## TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* MICHEL, Jürgen SIEMENS AG  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-09-27	4	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 720

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	2	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	3	.	0	<a href="#">get it</a>
RP-22	2004-01-14	4	.	4	.	0	<a href="#">get it</a>

---

## TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-17	2002-09-27	4	.	5	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 721

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* SUZUKI, Hidetoshi  
*G:* U: yes *MCC:* ISHII, Yoshikazu

Panasonic Mobile Communications Co.,Ltd.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-17	2002-09-27	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-07	4	.	6	.	0	<a href="#">get it</a>
RP-20	2003-06-27	4	.	7	.	0	<a href="#">get it</a>
RP-27	2005-03-29	4	.	8	.	0	<a href="#">get it</a>

---

## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* CHAPMAN, Thomas  
*G:* U: yes *MCC:* ISHII, Yoshikazu

SIEMENS AG

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-09-27	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-07	4	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 722

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

IPWireless Inc.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0		<a href="#">get it</a>
RP-13	2001-10-08	4	.	1	.	0		<a href="#">get it</a>
RP-14	2002-01-09	4	.	2	.	0		<a href="#">get it</a>
RP-15	2002-03-29	4	.	3	.	0		<a href="#">get it</a>
RP-16	2002-06-28	4	.	4	.	0		<a href="#">get it</a>
RP-17	2002-09-27	4	.	5	.	0		<a href="#">get it</a>
RP-18	2003-01-07	4	.	6	.	0		<a href="#">get it</a>
RP-22	2004-01-14	4	.	7	.	0	Minor problems implementing CRs. See readme file.	<a href="#">get it</a>
RP-25	2004-09-28	4	.	8	.	0		<a href="#">get it</a>

---

## TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:*  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0		<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0		<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0		<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0		<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0		<a href="#">get it</a>
RP-18	2003-01-07	4	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 723

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.224 Physical layer procedures (TDD)

Rel-4 current version: 4.11.0

freeze\_meeting: SP-11

WG (prime / other): R1 / - rapporteur: RUDOLF, Marian

G: U: yes MCC: ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-29	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-09-27	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-07	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	8	.	0	<a href="#">get it</a>
RP-21	2003-09-29	4	.	9	.	0	<a href="#">get it</a>
RP-22	2004-01-14	4	.	10	.	0	<a href="#">get it</a>
RP-25	2004-09-28	4	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 724

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* CZAPLA, Liliana

*G:* U: yes *MCC:* ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-05	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	4	.	0	<a href="#">get it</a>
RP-17	2002-09-27	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-07	4	.	6	.	0	<a href="#">get it</a>
RP-20	2003-06-27	4	.	7	.	0	<a href="#">get it</a>
RP-23	2004-04-02	4	.	8	.	0	<a href="#">get it</a>

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## TS 25.301 Radio interface protocol architecture

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* EKEMARK, Sven

*G:* U: yes *MCC:* ARZELIER, Claude

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	4	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	2	.	0	<a href="#">get it</a>
RP-16	2002-06-17	4	.	3	.	0	<a href="#">get it</a>
RP-17	2002-09-18	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 725

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.8.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-02	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-19	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-17	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-09-18	4	.	6	.	0	<a href="#">get it</a>
RP-18	2002-12-20	4	.	7	.	0	<a href="#">get it</a>
RP-21	2003-10-02	4	.	8	.	0	<a href="#">get it</a>

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## TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-02	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-19	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-17	4	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 726

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode**

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* BARRETO, Luis NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-27	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-02	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-19	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-17	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-08	4	.	6	.	0	<a href="#">get it</a>
RP-20	2003-06-25	4	.	7	.	0	<a href="#">get it</a>
RP-23	2004-03-24	4	.	8	.	0	<a href="#">get it</a>

---

**TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2**

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* Created from 25.923

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	4	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	2	.	0	<a href="#">get it</a>
RP-15	2002-03-19	4	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-25	4	.	4	.	0	<a href="#">get it</a>
RP-20	2003-06-20	4	.	5	.	0	<a href="#">get it</a>
RP-21	2003-10-02	4	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-12	4	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 727

31 May 2005 21:14:16

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.306 UE Radio Access capabilities definition

Rel-4 current version: 4.10.0

freeze\_meeting: SP-11

WG (prime / other): R2 / - rapporteur: BERGGREN, Anders Ericsson Incorporated

G: U: yes MCC: ARZELIER, Claude

remarks - general: Converted from TR 25.926 at TSG#10.

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-02	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-19	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-17	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-08	4	.	6	.	0	<a href="#">get it</a>
RP-20	2003-06-20	4	.	7	.	0	<a href="#">get it</a>
RP-21	2003-10-02	4	.	8	.	0	<a href="#">get it</a>
RP-22	2004-01-12	4	.	9	.	0	<a href="#">get it</a>
RP-27	2005-03-24	4	.	10	.	0	<a href="#">get it</a>

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## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

Rel-4 current version: 4.4.0

freeze\_meeting: RP-13

WG (prime / other): R2 / R4 rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

G: U: yes MCC: ARZELIER, Claude

remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

remarks - this release: Expect continual updates each time a new band is allowed.

history (event, available, version, comments, hyperlink):

RP-13	2001-10-02	4	.	0	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	1	.	0	<a href="#">get it</a>
RP-22	2004-01-12	4	.	2	.	0	<a href="#">get it</a>
RP-23	2004-03-24	4	.	3	.	0	<a href="#">get it</a>
RP-25	2004-09-23	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 728

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.10.0

*freeze\_meeting:* RP-11

*WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG  
*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4 . 0 . 0	<a href="#">get it</a>
RP-12	2001-06-19	4 . 1 . 0	<a href="#">get it</a>
RP-13	2001-10-02	4 . 2 . 0	<a href="#">get it</a>
RP-14	2002-01-04	4 . 3 . 0	<a href="#">get it</a>
RP-15	2002-03-19	4 . 4 . 0	<a href="#">get it</a>
RP-16	2002-06-17	4 . 5 . 0	<a href="#">get it</a>
RP-17	2002-09-18	4 . 6 . 0	<a href="#">get it</a>
RP-18	2003-01-08	4 . 7 . 0	<a href="#">get it</a>
RP-19	2003-03-25	4 . 8 . 0	<a href="#">get it</a>
RP-21	2003-10-02	4 . 9 . 0	<a href="#">get it</a>
RP-24	2004-06-17	4 . 10 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 729

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.12.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier  
*G:* *U:* yes *MCC:* ARZELIER, Claude

Philips Research Laboratories

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4 . 0 . 0	<a href="#">get it</a>
RP-12	2001-06-19	4 . 1 . 0	<a href="#">get it</a>
RP-13	2001-10-03	4 . 2 . 0	<a href="#">get it</a>
RP-14	2002-01-04	4 . 3 . 0	<a href="#">get it</a>
RP-15	2002-03-19	4 . 4 . 0	<a href="#">get it</a>
RP-16	2002-06-17	4 . 5 . 0	<a href="#">get it</a>
RP-17	2002-09-19	4 . 6 . 0	<a href="#">get it</a>
RP-18	2003-01-10	4 . 7 . 0	<a href="#">get it</a>
RP-19	2003-03-25	4 . 8 . 0	<a href="#">get it</a>
RP-20	2003-06-20	4 . 9 . 0	<a href="#">get it</a>
RP-21	2003-10-02	4 . 10 . 0	<a href="#">get it</a>
RP-22	2004-01-12	4 . 11 . 0	<a href="#">get it</a>
RP-24	2004-06-17	4 . 12 . 0	<a href="#">get it</a>

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## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* HANS, Martin  
*G:* *U:* yes *MCC:* ARZELIER, Claude

INFINEON TECHNOLOGIES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4 . 0 . 0	<a href="#">get it</a>
RP-12	2001-06-19	4 . 1 . 0	<a href="#">get it</a>
RP-13	2001-10-02	4 . 2 . 0	<a href="#">get it</a>
RP-14	2002-01-04	4 . 3 . 0	<a href="#">get it</a>
RP-15	2002-03-19	4 . 4 . 0	<a href="#">get it</a>
RP-16	2002-06-17	4 . 5 . 0	<a href="#">get it</a>
RP-17	2002-09-18	4 . 6 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 730

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.324 Broadcast/Multicast Control (BMC)**

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-16	2002-06-17	4	.	1	.	0	<a href="#">get it</a>
RP-18	2003-01-13	4	.	2	.	0	<a href="#">get it</a>
RP-19	2003-03-25	4	.	3	.	0	<a href="#">get it</a>
RP-24	2004-06-17	4	.	4	.	0	<a href="#">get it</a>
RP-26	2005-01-04	4	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 731

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version:* 4.17.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>
	RP-12	2001-06-27	4	.	1	.	0		<a href="#">get it</a>
	RP-13	2001-10-08	4	.	2	.	0		<a href="#">get it</a>
replace	ASN.1	2001-10-16	4	.	2	.	1		<a href="#">get it</a>
	RP-14	2002-01-18	4	.	3	.	0		<a href="#">get it</a>
	RP-15	2002-03-25	4	.	4	.	0		<a href="#">get it</a>
	RP-16	2002-06-20	4	.	5	.	0		<a href="#">get it</a>
	RP-17	2002-09-20	4	.	6	.	0	Do not use this version: contains wrong ASN.1	<a href="#">get it</a>
Misimplemented	RP-17	2002-09-23	4	.	7	.	0	v4.6.0 omitted ASN.1 in error	<a href="#">get it</a>
	17 CR								
	RP-18	2003-02-03	4	.	8	.	0		<a href="#">get it</a>
	RP-19	2003-03-27	4	.	9	.	0		<a href="#">get it</a>
	RP-20	2003-06-25	4	.	10	.	0		<a href="#">get it</a>
	RP-21	2003-10-02	4	.	11	.	0		<a href="#">get it</a>
	RP-22	2004-01-12	4	.	12	.	0		<a href="#">get it</a>
	RP-23	2004-03-24	4	.	13	.	0		<a href="#">get it</a>
	RP-24	2004-06-28	4	.	14	.	0		<a href="#">get it</a>
	RP-25	2004-09-27	4	.	15	.	0	Cover page shows 2004-06 rather than 2004-09	<a href="#">get it</a>
	RP-26	2004-12-23	4	.	16	.	0		<a href="#">get it</a>
	RP-27	2005-03-24	4	.	17	.	0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 732

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.401 UTRAN overall description**

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* Approval at TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	3	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	4	.	0	<a href="#">get it</a>
RP-17	2002-09-30	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	6	.	0	<a href="#">get it</a>

---

**TS 25.402 Synchronization in UTRAN Stage 2**

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* New

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 733

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Approval at TSG#5

*WG (prime / other):* R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	4	.	0	<a href="#">get it</a>
RP-17	2002-09-30	4	.	5	.	0	<a href="#">get it</a>

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## TS 25.411 UTRAN Iu interface layer 1

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*remarks - general:*

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>

---

## TS 25.412 UTRAN Iu interface signalling transport

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*remarks - general:*

*WG (prime / other):* R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-17	2002-09-30	4	.	1	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 734

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling**

Rel-4 *current version:* 4.12.0

*freeze\_meeting:* RP-11

*WG (prime / other):* R3 / - *rapporteur:* HUBER, Alois SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-14	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-05	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-03	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-03-26	4	.	8	.	0	<a href="#">get it</a>
RP-20	2003-06-17	4	.	9	.	0	<a href="#">get it</a>
RP-21	2003-09-30	4	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	11	.	0	<a href="#">get it</a>
RP-23	2004-04-01	4	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 735

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.414 UTRAN lu interface data transport & transport signalling

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-14	4	.	2	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	3	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	4	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	5	.	0	<a href="#">get it</a>
RP-19	2003-03-26	4	.	6	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	7	.	0	<a href="#">get it</a>

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## TS 25.415 UTRAN lu interface user plane protocols

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-14	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-25	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-09-30	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 736

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4 *current version:* 4.10.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc

*G:* U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4 . 0 . 0	<a href="#">get it</a>
RP-12	2001-07-06	4 . 1 . 0	<a href="#">get it</a>
RP-13	2001-10-12	4 . 2 . 0	<a href="#">get it</a>
RP-14	2002-01-11	4 . 3 . 0	<a href="#">get it</a>
RP-15	2002-03-25	4 . 4 . 0	<a href="#">get it</a>
RP-16	2002-06-28	4 . 5 . 0	<a href="#">get it</a>
correct vers no.	2002-08-06	4 . 5 . 1	<a href="#">get it</a>
shown on doc			
RP-17	2002-10-03	4 . 6 . 0	<a href="#">get it</a>
RP-19	2003-03-26	4 . 7 . 0	<a href="#">get it</a>
RP-20	2003-06-17	4 . 8 . 0	<a href="#">get it</a>
RP-21	2003-09-30	4 . 9 . 0	<a href="#">get it</a>
RP-22	2004-01-13	4 . 10 . 0	<a href="#">get it</a>

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## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK

*G:* U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4 . 0 . 0	<a href="#">get it</a>
RP-14	2002-01-11	4 . 1 . 0	<a href="#">get it</a>
RP-15	2002-04-02	4 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 737

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.421 UTRAN Iur interface Layer 1**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

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**TS 25.422 UTRAN Iur interface signalling transport**

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0

RP-14 2002-01-11 4 . 1 . 0

edito post RP-14 2002-04-02 4 . 1 . 1

RP-17 2002-10-03 4 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 738

31 May 2005 21:14:17

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling**

Rel-4 *current version:* 4.12.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* ERICSSON, Ingela Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-05	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-11	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-03-31	4	.	8	.	0	<a href="#">get it</a>
RP-20	2003-06-17	4	.	9	.	0	<a href="#">get it</a>
RP-21	2003-09-30	4	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	11	.	0	<a href="#">get it</a>
RP-23	2004-04-01	4	.	12	.	0	<a href="#">get it</a>
RP-24	2004-06-18	4	.	12	.	1	<a href="#">get it</a>

ASN.1 editorials

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**TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams**

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	2	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 739

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	3	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	4	.	0	<a href="#">get it</a>

---

## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	2	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	3	.	0	<a href="#">get it</a>
RP-17	2002-10-03	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 740

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R3 / - *rapporteur:* HAKULI, Tuomas NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	4	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	5	.	0	<a href="#">get it</a>

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**TS 25.430 UTRAN Iub Interface: General Aspects and Principles**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	3	.	0	<a href="#">get it</a>
RP-17	2002-10-03	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 741

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.431 UTRAN Iub interface Layer 1**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

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**TS 25.432 UTRAN Iub interface: signalling transport**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 742

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.13.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* SEHEDIC, Yann Nortel Networks Germany GmbH & Co. KG

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
edito	2001-10-23	4	.	2	.	1	<a href="#">get it</a>
RP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-04-04	4	.	4	.	0	<a href="#">get it</a>
RP-16	2002-07-19	4	.	5	.	0	<a href="#">get it</a>
RP-17	2002-10-11	4	.	6	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	7	.	0	<a href="#">get it</a>
RP-19	2003-03-31	4	.	8	.	0	<a href="#">get it</a>
RP-20	2003-06-17	4	.	9	.	0	<a href="#">get it</a>
RP-21	2003-09-30	4	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	11	.	0	<a href="#">get it</a>
RP-23	2004-04-01	4	.	12	.	0	<a href="#">get it</a>
RP-25	2004-09-28	4	.	13	.	0	<a href="#">get it</a>

---

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	3	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 743

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.435 UTRAN lub interface user plane protocols for CCH data streams**

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-04-02	4	.	4	.	0	<a href="#">get it</a>
RP-17	2002-10-03	4	.	5	.	0	<a href="#">get it</a>
RP-22	2004-01-13	4	.	6	.	0	<a href="#">get it</a>

---

**TS 25.442 UTRAN implementation-specific O&M transport**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Alexander Indicate persons who left Company and wait for new One  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 744

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.832 Manifestations of Handover and SRNS relocation

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* TOWNEND, Richard O2 plc  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

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## TR 25.834 UTRA TDD low chip rate option; Radio protocol aspects

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* LIU, YanHui  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

Start of work 2000-07-01 0 . 0 . 0  
draft 2000-07-15 0 . 0 . 1  
draft 2000-08-01 0 . 1 . 0  
RP-09 2000-10-01 1 . 0 . 0  
RP-10 2000-12-20 4 . 0 . 0  
RP-11 2001-03-27 4 . 1 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TR 25.836 Node B synchronization for TDD

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-10 2001-01-12 4 . 0 . 0  
RP-11 2001-04-05 4 . 1 . 0

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 745

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.838 Node B Synchronisation for TDD (lub/lur aspects)**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* LENHART, Johannes SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

draft	2000-07-15	0	.	0	.	1	<a href="#">get it</a>
RP-09	2000-09-21	0	.	1	.	0	<a href="#">get it</a>
RP-10	2000-12-21	0	.	1	.	1	<a href="#">get it</a>
RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>

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**TR 25.840 Terminal power saving features**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* SASAKI, Tsukasa Fujitsu Limited  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5. 2003-11-28: WG Chairman indicates that the doc is contentious, and cannot easily be brought under change control. RP-22: Nevertheless, brought under change control; no further work envisaged.

*history (event, available, version, comments, hyperlink):*

RP-09	2000-09-28	1	.	0	.	0	<a href="#">get it</a>
RP-10	2001-01-12	2	.	0	.	0	<a href="#">get it</a>
RP-11	2001-04-05	2	.	3	.	0	<a href="#">get it</a>
RP-22	2004-01-14	4	.	0	.	0	<a href="#">get it</a>

approved unseen at RP-22. No further work envisaged.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 746

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.841 DSCH power control improvement in soft handover**

Rel-4 current version: 4.1.0  
freeze\_meeting: SP-11

WG (prime / other): R1 / - rapporteur: TOSKALA, Antti NOKIA Corporation  
G: U: yes MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-09	2000-09-28	1	.	0	.	0		<a href="#">get it</a>
RP-10	2001-01-12	4	.	0	.	0		<a href="#">get it</a>
RP-11	2001-04-04	4	.	1	.	0		<a href="#">get it</a>

---

**TR 25.843 1,28 Mcps TDD UE Radio Access Capabilities**

Rel-4 current version: 4.1.0  
freeze\_meeting: SP-11

WG (prime / other): R2 / - rapporteur: ZHU, Yifei  
G: U: yes MCC: ARZELIER, Claude

remarks - general:

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10	2000-12-20	4	.	0	.	0		<a href="#">get it</a>
RP-11	2001-03-27	4	.	1	.	0		<a href="#">get it</a>

---

**TR 25.844 Radio access bearer support enhancements**

Rel-4 current version: 4.3.0  
freeze\_meeting: SP-11

WG (prime / other): R2 / - rapporteur: KRISHNARAJAH, Ainkaran Ericsson AB

remarks - general:

remarks - this release: RP-15: Not to be promoted to Rel-5.

history (event, available, version, comments, hyperlink):

RP-10	2000-12-20	1	.	0	.	0	RP-000560	<a href="#">get it</a>
RP-11	2001-03-27	4	.	0	.	0		<a href="#">get it</a>
RP-13	2001-10-02	4	.	1	.	0		<a href="#">get it</a>
RP-16	2002-06-17	4	.	2	.	0		<a href="#">get it</a>
RP-17	2002-09-18	4	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 747

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.847 UE positioning enhancements**

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG

*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

draft 2000-11-10 0 . 1 . 0 [get it](#)

RP-10 2000-12-20 1 . 0 . 0 [get it](#)

RP-11 2001-03-27 4 . 0 . 0 [get it](#)

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**TR 25.848 Physical Layer Aspects of UTRA High Speed Downlink Packet Access**

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-10

*WG (prime / other):* R1 / *rapporteur:* IKEDA, Shinobu NEC Corporation

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-05 4 . 0 . 0 [get it](#)

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**TR 25.849 DSCH power control improvement in soft handover**

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* HWANG, Woonhee NOKIA Corporation

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 748

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.850 UE positioning in UTRAN lub/lur protocol aspects**

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* HAUTALA, Jari NOKIA Corporation  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-10 2000-12-21 0 . 0 . 2 RP-000658  
draft 2000-12-21 0 . 1 . 0  
RP-11 2001-04-06 4 . 0 . 0  
RP-12 2001-07-06 4 . 1 . 0  
RP-13 2001-10-12 4 . 2 . 0  
RP-14 2002-01-11 4 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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**TR 25.851 RAB Quality of Service (QoS) Renegotiation over lu**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / *rapporteur:* IRWIN, Sania MOTOROLA GmbH  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-10 2000-12-21 0 . 0 . 2 RP-000660  
RP-11 2001-04-06 4 . 0 . 0

[get it](#)  
[get it](#)

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**TR 25.853 Delay budget within the access stratum**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* RP-11

*WG (prime / other):* R3 / - *rapporteur:* VON BRANDT, Armin SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* Was 25.932. Approved and renumbered at TSG#10.

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 749

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.921 Guidelines and principles for protocol description and error handling**

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* BARRETO, Luis NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-12	2001-06-19	4	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-02	4	.	2	.	0	<a href="#">get it</a>
RP-14	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
RP-15	2002-03-19	4	.	4	.	0	<a href="#">get it</a>
RP-18	2003-01-13	4	.	5	.	0	<a href="#">get it</a>
RP-21	2003-10-02	4	.	6	.	0	<a href="#">get it</a>
RP-23	2004-03-26	4	.	7	.	0	<a href="#">get it</a>
RP-24	2004-06-17	4	.	8	.	0	<a href="#">get it</a>

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**TR 25.922 Radio resource management strategies**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier Philips Research Laboratories  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
RP-13	2001-10-02	4	.	1	.	0	<a href="#">get it</a>
RP-15	2002-03-19	4	.	2	.	0	<a href="#">get it</a>
RP-23	2004-03-24	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 750

31 May 2005 21:14:18

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer**

Rel-4 *current version:* 4.0.1

*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:* Created R1#10, Jan 99.

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-07 0 . 0 . 2 RP-000091

RP-07 2000-03-15 0 . 0 . 3 RP-000158 [get it](#)

RP-08 0 . 2 . 0

RP-08 2000-06-23 1 . 0 . 0 [get it](#)

RP-09 2001-01-11 1 . 1 . 0 [get it](#)

RP-11 2001-04-06 4 . 0 . 0 [get it](#)

edito 2001-04-10 4 . 0 . 1 [get it](#)

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**TR 25.931 UTRAN Functions, examples on signalling procedures**

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-07

*WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-03-30 4 . 0 . 0 [get it](#)

RP-12 2001-07-05 4 . 1 . 0 [get it](#)

RP-14 2002-01-11 4 . 2 . 0 [get it](#)

RP-15 2002-04-02 4 . 3 . 0 [get it](#)

RP-16 2002-06-28 4 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 751

31 May 2005 21:14:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.934 AAL2 QoS optimization**

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* YOSHIMURA, Takayuki Vodafone K.K.

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

draft	2000-04-25	0	.	0	.	0		<a href="#">get it</a>
draft	2000-05-16	0	.	0	.	1		<a href="#">get it</a>
RP-09	2000-09-28	0	.	2	.	0		<a href="#">get it</a>
RP-10	2000-12-21	0	.	2	.	1	RP-000646	<a href="#">get it</a>
RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>

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**TR 25.935 RRM optimisation**

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* VAN LIESHOUT, Gert-Jan SAMSUNG Electronics Research Institute

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

Start of work	2000-08-01	0	.	0	.	0		<a href="#">get it</a>
draft	2000-07-15	0	.	0	.	1		<a href="#">get it</a>
R3-15	2000-08-15	0	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-21	0	.	1	.	1		<a href="#">get it</a>
draft	2000-10-16	1	.	0	.	0		<a href="#">get it</a>
RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>
RP-15	2002-03-25	4	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 752

31 May 2005 21:14:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

Start of work	2000-07-01	0	.	0	.	0		<a href="#">get it</a>
draft	2000-07-15	0	.	0	.	1		<a href="#">get it</a>
R3-15	2000-09-01	0	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-21	0	.	3	.	0		<a href="#">get it</a>
RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>
formatting	2002-01-09	4	.	0	.	1		<a href="#">get it</a>
corrections								

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## TR 25.937 UTRAN TDD low chiprate

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

draft	2000-08-01	0	.	0	.	0		<a href="#">get it</a>
draft	2000-08-15	0	.	0	.	1		<a href="#">get it</a>
R3-15	2000-08-30	0	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-21	0	.	3	.	1	RP-000686	<a href="#">get it</a>
RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>
RP-13	2001-10-12	4	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 753

31 May 2005 21:14:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.942 Radio Frequency (RF) system scenarios

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* SP-12

*WG (prime / other):* R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* Additional rapporteur = A.De Pasquale.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-10-10 4 . 0 . 0 expected post RP-12 [get it](#)

RP-14 2002-01-14 4 . 1 . 0 [get it](#)

RP-16 2002-07-03 4 . 2 . 0 [get it](#)

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## TR 25.943 Deployment aspects

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* RP-12

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

R4-09 0 . 0 . 1

R4-11 0 . 1 . 0

RP-08 2000-06-23 2 . 0 . 0 [get it](#)

RP-12 2 . 1 . 0 RP-010437

RP-12 2001-06-29 4 . 0 . 0 [get it](#)

RP-14 2002-01-16 4 . 1 . 0 [get it](#)

RP-16 2002-07-03 4 . 2 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 754

31 May 2005 21:14:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.944 Channel coding and multiplexing examples

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*remarks - general:* Created Jan 2000 (aka R1.04)

*WG (prime / other):* R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>
edito	2001-04-10	4	.	0	.	1		<a href="#">get it</a>
RP-12	2001-06-28	4	.	1	.	0		<a href="#">get it</a>

---

## TR 25.945 RF requirements for low chip rate TDD option

Rel-4 *current version:* 4.1.1  
*freeze\_meeting:* SP-11  
*remarks - general:*

*WG (prime / other):* R4 / - *rapporteur:* ZHANG, Daijun  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-09		0	.	3	.	0		
RP-10	2000-12-21	2	.	0	.	0	RP-000678	<a href="#">get it</a>
RP-11	2001-05-28	4	.	0	.	0	Cosmetically too nasty to publish as ETSI TR (TS??)	<a href="#">get it</a>
RP-13	2001-10-10	4	.	1	.	0		<a href="#">get it</a>
fix layout prob	2001-10-10	4	.	1	.	1		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 755

31 May 2005 21:14:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.946 RAB Quality of Service (QoS) Negotiation over Lu**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

draft	2000-08-15	0	.	0	.	1		<a href="#">get it</a>
R3-15	2000-08-30	0	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-21	0	.	1	.	1	RP-000656	<a href="#">get it</a>
RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>

---

**TR 25.950 UTRA high speed downlink packet access**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

draft	2000-11-07	0	.	0	.	0		<a href="#">get it</a>
RP-11	2001-03-27	4	.	0	.	0		<a href="#">get it</a>

---

**TR 25.953 TrFO/TFO**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-10	2000-12-21	0	.	0	.	3	RP-000664	<a href="#">get it</a>
RP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 756

31 May 2005 21:14:19

ACTIVE specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.954 Migration to modification procedure

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* YOSHIMURA, Takayuki Vodafone K.K.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15: No upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 4 . 0 . 0

[get it](#)

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## TR 25.956 Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* RP-11

*WG (prime / other):* R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA S.A.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-10 4 . 0 . 0

[get it](#)

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## TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* Pointer to latest release version.

*history (event, available, version, comments, hyperlink):*

RP-18 2003-01-13 4 . 0 . 0 Back creation from Rel-6 version

[get it](#)

RP-22 2004-01-12 4 . 1 . 0

[get it](#)

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Rel-4

26 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 757

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.071 AMR speech Codec; General description**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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**TS 26.073 AMR speech Codec; C-source code**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
SP-14 2002-01-09 4 . 1 . 0 [get it](#)

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**TS 26.074 AMR speech Codec; Test sequences**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
corected tests 2001-07-04 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 758

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.077 Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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**TS 26.090 AMR speech Codec; Transcoding Functions**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-07 4 . 0 . 0 [get it](#)

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**TS 26.091 AMR speech Codec; Error concealment of lost frames**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 759

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 26.093 AMR speech Codec; Source Controlled Rate operation**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10 2000-12-21 4 . 0 . 0

[get it](#)

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**TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 760

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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<b>TS 26.101</b>	<b>Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure</b>					
Rel-4	current version: 4.2.0	WG (prime / other):	S4 / -	rapporteur:	HAGQVIST, Jari	NOKIA Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	USAI, Paolino	
remarks - general:		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	SP-11	2001-04-10	4 . 0 . 0	<a href="#">get it</a>		
	SP-12	2001-06-27	4 . 1 . 0	<a href="#">get it</a>		
	SP-15	2002-03-28	4 . 2 . 0	<a href="#">get it</a>		

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<b>TS 26.102</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu</b>					
Rel-4	current version: 4.1.0	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	USAI, Paolino	
remarks - general:		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	SP-11	2001-04-10	4 . 0 . 0	<a href="#">get it</a>		
	SP-19	2003-04-04	4 . 1 . 0	<a href="#">get it</a>		

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<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
Rel-4	current version: 4.4.0	WG (prime / other):	S4 / -	rapporteur:	HELLWIG, Karl	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	USAI, Paolino	
remarks - general: New after TSG#5		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	SP-10	2000-12-21	4 . 0 . 0	<a href="#">get it</a>		
	SP-11	2001-04-10	4 . 1 . 0	<a href="#">get it</a>		
	SP-14	2002-01-09	4 . 2 . 0	<a href="#">get it</a>		
	SP-16	2002-06-28	4 . 3 . 0	<a href="#">get it</a>		
	SP-26	2005-01-06	4 . 4 . 0	<a href="#">get it</a>		

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 761

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10	2000-12-21	4 . 0 . 0	<a href="#">get it</a>
SP-12	2001-06-27	4 . 1 . 0	<a href="#">get it</a>
bug fix	2001-06-29	4 . 1 . 1	<a href="#">get it</a>
SP-13	2001-10-02	4 . 2 . 0	<a href="#">get it</a>
SP-15	2002-03-28	4 . 3 . 0	<a href="#">get it</a>
SP-19	2003-04-04	4 . 4 . 0	<a href="#">get it</a>
SP-20	2003-06-25	4 . 5 . 0	<a href="#">get it</a>

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**TS 26.110 Codec for circuit switched multimedia telephony service; General description**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09	2000-10-10	4 . 0 . 0	<a href="#">get it</a>
SP-11	2001-04-10	4 . 1 . 0	<a href="#">get it</a>

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**TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:* CR at TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	4 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 762

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.115 Echo control for speech and multimedia services**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G:* *U:* yes *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:* Derived from 26.914 R99.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 26.131 Terminal acoustic characteristics for telephony; Requirements**

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian  
*G:* *U:* yes *MCC:* USAI, Paolino

TELLABS OPERATIONS INC.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

SP-13 2001-10-02 4 . 1 . 0

SP-17 2002-09-24 4 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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**TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification**

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian  
*G:* *U:* yes *MCC:* USAI, Paolino

TELLABS OPERATIONS INC.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

SP-13 2001-10-02 4 . 1 . 0

SP-15 2002-03-28 4 . 2 . 0

SP-17 2002-09-24 4 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 763

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.233 End-to-end transparent streaming service; General description

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2000-11-02	0	.	1	.	0		<a href="#">get it</a>
SP-10	2000-12-21	1	.	0	.	0		<a href="#">get it</a>
SP-11	2001-04-10	4	.	0	.	0		<a href="#">get it</a>
SP-14	2002-01-09	4	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-28	4	.	2	.	0		<a href="#">get it</a>

---

## TS 26.234 Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2000-10-19	0	.	0	.	1		<a href="#">get it</a>
draft	2000-10-26	0	.	0	.	2		<a href="#">get it</a>
draft	2000-11-02	0	.	0	.	3		<a href="#">get it</a>
SP-10	2000-12-21	1	.	0	.	0	SP-000566	<a href="#">get it</a>
SP-11	2001-04-10	4	.	0	.	0		<a href="#">get it</a>
SP-13	2001-10-02	4	.	1	.	0		<a href="#">get it</a>
SP-14	2002-01-09	4	.	2	.	0		<a href="#">get it</a>
SP-15	2002-03-28	4	.	3	.	0		<a href="#">get it</a>
SP-16	2002-06-28	4	.	4	.	0		<a href="#">get it</a>
SP-18	2003-01-03	4	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 764

31 May 2005 21:14:19

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.901 Adaptive Multi-Rate Wideband (AMR-WB) speech codec; Feasibility study report**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* OHANA, Alain Cingular Wireless LLC  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	2	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-17	4	.	0	.	0	<a href="#">get it</a>
edito	2000-04-26	4	.	0	.	1	<a href="#">get it</a>

---

**TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* HAAVISTO, Petri Nokia Research Center  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-10	2000-12-21	4	.	0	.	0	<a href="#">get it</a>
SP-11	2001-04-10	4	.	1	.	0	<a href="#">get it</a>
SP-19	2003-04-04	4	.	2	.	0	<a href="#">get it</a>

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**TR 26.912 Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* SP-11 *G: U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* 2002-06-18: not useful to upgrade to Rel-5?

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 765

31 May 2005 21:14:20

ACTIVE specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
SP-13 2001-10-02 4 . 1 . 0 [get it](#)

---

**TR 26.978 Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Replaces 26.078 *remarks - this release:* Replaces 26.078

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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Rel-4 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 766

31 May 2005 21:14:20

ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-4 *current version:* 4.12.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-08	2000-06-28	4 . 0 . 0	<a href="#">get it</a>
NP-09	2000-10-23	4 . 1 . 0	<a href="#">get it</a>
NP-10	2001-01-04	4 . 2 . 0	<a href="#">get it</a>
NP-11	2001-04-05	4 . 3 . 0	<a href="#">get it</a>
NP-12	2001-07-04	4 . 4 . 0	<a href="#">get it</a>
NP-13	2001-10-10	4 . 5 . 0	<a href="#">get it</a>
NP-14	2002-01-11	4 . 6 . 0	<a href="#">get it</a>
NP-15	2002-03-20	4 . 7 . 0	<a href="#">get it</a>
NP-17	2002-09-17	4 . 8 . 0	<a href="#">get it</a>
NP-19	2003-03-27	4 . 9 . 0	<a href="#">get it</a>
NP-20	2003-06-25	4 . 10 . 0	<a href="#">get it</a>
NP-21	2003-10-01	4 . 11 . 0	<a href="#">get it</a>
NP-24	2004-06-18	4 . 12 . 0	<a href="#">get it</a>

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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-09 (probably)	2000-10-12	4 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 767

31 May 2005 21:14:20

ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-10	2000-12-22	4	.	0	.	0	<a href="#">get it</a>
NP-11	2001-04-02	4	.	1	.	0	<a href="#">get it</a>

---

## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.2.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
TP-13	2001-10-04	4	.	1	.	0	<a href="#">get it</a>
TP-16	2002-06-25	4	.	2	.	0	<a href="#">get it</a>
edito post TP-26	2005-01-17	4	.	2	.	1	<a href="#">get it</a> make figure 0.1 visible

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 768

31 May 2005 21:14:20

ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.007 AT command set for User Equipment (UE)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* C1 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-09	2000-10-11	4	.	0	.	0	<a href="#">get it</a>
TP-11	2001-04-11	4	.	1	.	0	<a href="#">get it</a>
TP-12	2001-07-04	4	.	2	.	0	<a href="#">get it</a>
TP-14	2002-01-15	4	.	3	.	0	<a href="#">get it</a>
TP-15	2002-04-04	4	.	4	.	0	<a href="#">get it</a>
TP-18	2002-12-20	4	.	5	.	0	<a href="#">get it</a>
TP-19	2003-03-31	4	.	6	.	0	<a href="#">get it</a>

---

## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

Rel-4 *current version:* 4.2.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
TP-13	2001-10-04	4	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-25	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 769

31 May 2005 21:14:20

ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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**TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services**

Rel-4 *current version:* 4.3.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* GPRSCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4 . 0 . 0	<a href="#">get it</a>
NP-16	2002-06-24	4 . 1 . 0	<a href="#">get it</a>
NP-17	2002-09-17	4 . 2 . 0	<a href="#">get it</a>
NP-20	2003-06-23	4 . 3 . 0	<a href="#">get it</a>
edito post NP-20:	2003-07-01	4 . 3 . 1	<a href="#">get it</a>

corrects typo  
(wrong version no.  
on cover)

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**TS 27.103 Wide Area Network Synchronization**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* TP-27: Considering withdrawal of this document, but need to eliminate any references to it first. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-02	4 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 770

31 May 2005 21:14:20

ACTIVE specs Rel-4 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* SP-11

*G:* *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-02 4 . 0 . 0 [get it](#)  
TP-15 2002-03-26 4 . 1 . 0 [get it](#)

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## TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* TP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-02 4 . 0 . 0 [get it](#)

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Rel-4 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 771

31 May 2005 21:14:20

ACTIVE specs Rel-4 28 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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## TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

*remarks - general:* Transfer>TSG#4

*remarks - this release:* TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.

### *history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	0	.	0	.	0		<a href="#">get it</a>
SP-09	2000-10-18	0	.	0	.	3		<a href="#">get it</a>
SP-10	2000-12-21	1	.	0	.	0	NP-000568	<a href="#">get it</a>
draft	2001-02-08	1	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-10	4	.	0	.	0		<a href="#">get it</a>
SP-12	2001-06-27	4	.	1	.	0		<a href="#">get it</a>
edito	2001-10-01	4	.	1	.	1		<a href="#">get it</a>
SP-14	2002-01-09	4	.	2	.	0		<a href="#">get it</a>
SP-15	2002-03-28	4	.	3	.	0		<a href="#">get it</a>
SP-16	2002-06-28	4	.	4	.	0		<a href="#">get it</a>
SP-18	2003-01-03	4	.	5	.	0		<a href="#">get it</a>
SP-26	2005-01-06	4	.	6	.	0	Attachment TFO_Decision C-Code has known errors. Anticipate CRs at SP-27.	<a href="#">get it</a>

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Rel-4 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 772

31 May 2005 21:14:20

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.002 Mobile Application Part (MAP) specification

Rel-4 *current version:* 4.15.0

*freeze\_meeting:* SP-11

*WG (prime / other):* C4 / -

*G:* yes *U:* yes

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-08	2000-06-23	4 . 0 . 0		<a href="#">get it</a>
edito	2000-08-04	4 . 0 . 1		<a href="#">get it</a>
edito	2000-08-11	4 . 0 . 2		<a href="#">get it</a>
NP-09	2000-10-26	4 . 1 . 0		<a href="#">get it</a>
NP-10	2000-12-20	4 . 2 . 0		<a href="#">get it</a>
edito	2001-02-01	4 . 2 . 1		<a href="#">get it</a>
NP-11	2001-04-06	4 . 3 . 0		<a href="#">get it</a>
NP-12	2001-07-06	4 . 4 . 0		<a href="#">get it</a>
edito	2001-08-16	4 . 4 . 1		<a href="#">get it</a>
NP-13	2001-10-03	4 . 5 . 0		<a href="#">get it</a>
NP-14	2002-01-18	4 . 6 . 0		<a href="#">get it</a>
NP-15	2002-04-04	4 . 7 . 0		<a href="#">get it</a>
NP-16	2002-06-21	4 . 8 . 0		<a href="#">get it</a>
NP-17	2002-09-24	4 . 9 . 0		<a href="#">get it</a>
NP-18	2003-01-09	4 . 10 . 0		<a href="#">get it</a>
NP-19	2003-04-04	4 . 11 . 0		<a href="#">get it</a>
NP-20	2003-07-04	4 . 12 . 0	delayed availability due to complexity of changes	<a href="#">get it</a>
NP-21	2003-10-09	4 . 13 . 0		<a href="#">get it</a>
NP-23	2004-03-23	4 . 14 . 0		<a href="#">get it</a>
NP-24	2004-06-17	4 . 15 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 773

31 May 2005 21:14:20

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone**

Rel-4 *current version:* 4.12.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-09	2000-10-12	4	.	0	.	0	<a href="#">get it</a>
NP-10	2001-01-04	4	.	1	.	0	<a href="#">get it</a>
NP-11	2001-03-29	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
NP-16	2002-06-24	4	.	4	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	5	.	0	<a href="#">get it</a>
NP-18	2003-01-09	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-03-27	4	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-23	4	.	8	.	0	<a href="#">get it</a>
NP-21	2003-10-01	4	.	9	.	0	<a href="#">get it</a>
NP-22	2004-01-22	4	.	10	.	0	<a href="#">get it</a>
NP-24	2004-06-18	4	.	11	.	0	<a href="#">get it</a>
NP-27	2005-04-01	4	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 774

31 May 2005 21:14:20

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
Rel-4 *current version: Procedures and the Mobile Application Part (MAP)* 4.8.0WG (*prime / other*): C4 /- *rapporteur:* KYMALAINEN, Kimmo  
TeliaSonera AB

*freeze\_meeting:* SP-11 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4 (transfer??)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-30	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
NP-16	2002-06-21	4	.	3	.	0	<a href="#">get it</a>
NP-17	2002-09-18	4	.	4	.	0	<a href="#">get it</a>
NP-18	2003-01-07	4	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-27	4	.	6	.	0	<a href="#">get it</a>
NP-22	2004-01-12	4	.	7	.	0	<a href="#">get it</a>
NP-23	2004-03-24	4	.	8	.	0	<a href="#">get it</a>

---

**TS 29.011 Signalling Interworking for Supplementary Services**  
Rel-4 *current version: 4.0.1* WG (*prime / other*): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
correct references	2002-06-25	4	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 775

31 May 2005 21:14:20

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 [get it](#)  
update references 2002-06-24 4 . 0 . 1 [get it](#)

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**TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-06 4 . 0 . 0 [get it](#)  
NP-16 2002-06-26 4 . 1 . 0 [get it](#)

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**TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-06 4 . 0 . 0 [get it](#)  
NP-13 2001-10-03 4 . 1 . 0 [get it](#)  
NP-14 2002-01-04 4 . 2 . 0 [get it](#)  
NP-15 2002-03-19 4 . 3 . 0 [get it](#)  
NP-16 2002-06-26 4 . 4 . 0 [get it](#)  
NP-21 2003-10-10 4 . 5 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 776

31 May 2005 21:14:20

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface**

Rel-4 *current version:* 4.11.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-30	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-07-04	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-11	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-28	4	.	4	.	0	<a href="#">get it</a>
NP-17	2002-09-18	4	.	5	.	0	<a href="#">get it</a>
NP-18	2003-01-07	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-04-04	4	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-27	4	.	8	.	0	<a href="#">get it</a>
NP-21	2003-10-09	4	.	9	.	0	<a href="#">get it</a>
NP-22	2004-01-12	4	.	10	.	0	<a href="#">get it</a>
NP-23	2004-03-24	4	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 777

31 May 2005 21:14:21

ACTIVE specs Rel-4 29 .- series  
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**TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)**  
Rel-4 *current version:* 4.10.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-28	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-12	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-14	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0	<a href="#">get it</a>
NP-16	2002-07-02	4	.	5	.	0	<a href="#">get it</a>
NP-18	2003-01-09	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-03-27	4	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-23	4	.	8	.	0	<a href="#">get it</a>
NP-22	2004-01-15	4	.	9	.	0	<a href="#">get it</a>
NP-24	2004-06-18	4	.	10	.	0	<a href="#">get it</a>

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**TS 29.078 customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**  
Rel-4 *current version:* 4.8.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Phase 3

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-29	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-07-03	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-19	4	.	4	.	0	<a href="#">get it</a>
NP-16	2002-06-17	4	.	5	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	6	.	0	<a href="#">get it</a>
NP-18	2002-12-18	4	.	7	.	0	<a href="#">get it</a>
NP-19	2003-03-25	4	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 778

31 May 2005 21:14:21

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## TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* TSG#8:Appeared as v2.0.0 (RP-000258)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
RP-13	2001-10-12	4	.	1	.	0	<a href="#">get it</a>
RP-16	2002-06-28	4	.	2	.	0	<a href="#">get it</a>
RP-18	2003-01-03	4	.	3	.	0	<a href="#">get it</a>
RP-19	2003-03-26	4	.	4	.	0	<a href="#">get it</a>

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## TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* AIKAWA, Shinichiro Fujitsu Limited  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
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## TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-09	2000-10-25	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 779

31 May 2005 21:14:21

ACTIVE specs Rel-4 29 .- series  
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## TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

Rel-4      *current version:* 4.3.7      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

	NP-11	2001-03-27	4	.	0	.	0		<a href="#">get it</a>
	NP-12	2001-06-29	4	.	1	.	0		<a href="#">get it</a>
	NP-13	2001-10-08	4	.	2	.	0		<a href="#">get it</a>
	NP-14	2002-01-08	4	.	3	.	0		<a href="#">get it</a>
	edito	2002-03-20	4	.	3	.	1		<a href="#">get it</a>
	edito (references etc)	2003-03-31	4	.	3	.	2		<a href="#">get it</a>
	edito	2003-06-18	4	.	3	.	3	Introduction - update of table explaining how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond; References	<a href="#">get it</a>
	edito	2004-01-14	4	.	3	.	4	Introiduction - update of tables explaining how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond	<a href="#">get it</a>
	edito	2004-06-21	4	.	3	.	5		<a href="#">get it</a>
	edito post SP-25	2004-09-23	4	.	3	.	6		<a href="#">get it</a>
	edito post NP-26	2005-01-04	4	.	3	.	7		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 780

31 May 2005 21:14:21

ACTIVE specs Rel-4 29 .- series  
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## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions

Rel-4      *current version:* 4.7.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-08	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0	<a href="#">get it</a>
NP-19	2003-03-31	4	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-18	4	.	6	.	0	<a href="#">get it</a>
NP-22	2004-01-14	4	.	7	.	0	<a href="#">get it</a>

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## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

Rel-4      *current version:* 4.9.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-08	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0	<a href="#">get it</a>
NP-16	2002-07-05	4	.	5	.	0	<a href="#">get it</a>
NP-17	2002-10-01	4	.	6	.	0	<a href="#">get it</a>
NP-19	2003-03-31	4	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-18	4	.	8	.	0	<a href="#">get it</a>
NP-24	2004-06-21	4	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 781

31 May 2005 21:14:21

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## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control Service Capability Feature (SCF)

Rel-4 current version: 4.11.0

WG (prime / other): C5 / rapporteur: ABARCA, Chelo

ALCATEL S.A.

freeze\_meeting: SP-11

G: U: yes MCC: ZOICAS, Adrian

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

### history (event, available, version, comments, hyperlink):

NP-11		1	.	0	.	0		
edito	2001-03-27	1	.	0	.	1		<a href="#">get it</a>
NP-12		2	.	0	.	0		
NP-12	2001-06-29	4	.	0	.	0		<a href="#">get it</a>
NP-13	2001-10-12	4	.	1	.	0		<a href="#">get it</a>
NP-14	2002-01-08	4	.	2	.	0		<a href="#">get it</a>
NP-15	2002-03-20	4	.	3	.	0		<a href="#">get it</a>
NP-16	2002-07-05	4	.	4	.	0		<a href="#">get it</a>
NP-17	2002-10-01	4	.	5	.	0		<a href="#">get it</a>
NP-19	2003-03-31	4	.	6	.	0		<a href="#">get it</a>
NP-20	2003-06-18	4	.	7	.	0		<a href="#">get it</a>
NP-22	2004-01-14	4	.	8	.	0		<a href="#">get it</a>
NP-24	2004-06-21	4	.	9	.	0		<a href="#">get it</a>
NP-25	2004-09-23	4	.	10	.	0		<a href="#">get it</a>
NP-26	2005-01-04	4	.	11	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 782

31 May 2005 21:14:21

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## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF)

Rel-4      *current version:* 4.10.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11	2001-03-27	4 . 0 . 0	<a href="#">get it</a>
NP-12	2001-06-29	4 . 1 . 0	<a href="#">get it</a>
NP-13	2001-10-08	4 . 2 . 0	<a href="#">get it</a>
NP-14	2002-01-08	4 . 3 . 0	<a href="#">get it</a>
NP-15	2002-03-20	4 . 4 . 0	<a href="#">get it</a>
NP-17	2002-10-01	4 . 5 . 0	<a href="#">get it</a>
NP-19	2003-03-31	4 . 6 . 0	<a href="#">get it</a>
NP-20	2003-06-18	4 . 7 . 0	<a href="#">get it</a>
NP-22	2004-01-14	4 . 8 . 0	<a href="#">get it</a>
NP-24	2004-06-21	4 . 9 . 0	<a href="#">get it</a>
NP-26	2005-01-04	4 . 10 . 0	<a href="#">get it</a>

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## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)

Rel-4      *current version:* 4.5.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11	2001-03-27	4 . 0 . 0	<a href="#">get it</a>
NP-12	2001-06-29	4 . 1 . 0	<a href="#">get it</a>
IDL file corrected	2001-07-12	4 . 1 . 1	<a href="#">get it</a>
NP-13	2001-10-08	4 . 2 . 0	<a href="#">get it</a>
edito	2001-10-12	4 . 2 . 1	<a href="#">get it</a>
NP-14	2002-01-08	4 . 3 . 0	<a href="#">get it</a>
NP-15	2002-03-20	4 . 4 . 0	<a href="#">get it</a>
NP-19	2003-03-31	4 . 5 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 783

31 May 2005 21:14:21

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## TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF)

Rel-4      *current version:* 4.5.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-08	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0	<a href="#">get it</a>
NP-19	2003-03-31	4	.	5	.	0	<a href="#">get it</a>

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## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF)

Rel-4      *current version:* 4.8.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:*      CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-27	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-08	4	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-08	4	.	3	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0	<a href="#">get it</a>
NP-17	2002-10-01	4	.	5	.	0	<a href="#">get it</a>
NP-19	2003-03-31	4	.	6	.	0	<a href="#">get it</a>
NP-20	2003-06-18	4	.	7	.	0	<a href="#">get it</a>
NP-24	2004-06-21	4	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 784

31 May 2005 21:14:21

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## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management Service Capability Feature (SCF)

Rel-4      *current version:* 4.5.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* SP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11		1	.	0	.	0	
edito	2001-03-27	1	.	0	.	1	<a href="#">get it</a>
NP-12	2001-06-29	4	.	0	.	0	<a href="#">get it</a>
NP-13	2001-10-08	4	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-08	4	.	2	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	3	.	0	<a href="#">get it</a>
NP-19	2003-03-31	4	.	4	.	0	<a href="#">get it</a>
NP-24	2004-06-21	4	.	5	.	0	<a href="#">get it</a>

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## TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF)

Rel-4      *current version:* 4.5.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* SP-11      *G:*      *U:* yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-11		1	.	0	.	0	
edito	2001-03-27	1	.	0	.	1	<a href="#">get it</a>
NP-12		2	.	0	.	0	
NP-12	2001-06-29	4	.	0	.	0	<a href="#">get it</a>
NP-13	2001-10-08	4	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-08	4	.	2	.	0	<a href="#">get it</a>
NP-15	2002-03-20	4	.	3	.	0	<a href="#">get it</a>
NP-19	2003-03-31	4	.	4	.	0	<a href="#">get it</a>
NP-22	2004-01-14	4	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 785

31 May 2005 21:14:21

ACTIVE specs Rel-4 29 .- series  
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**TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C4 / *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
edito	2001-05-09	4	.	0	.	1	<a href="#">get it</a>
NP-13	2001-10-03	4	.	1	.	0	<a href="#">get it</a>
correct references	2002-06-25	4	.	1	.	1	<a href="#">get it</a>
NP-17	2002-09-18	4	.	2	.	0	<a href="#">get it</a>
NP-18	2003-01-07	4	.	3	.	0	<a href="#">get it</a>

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**TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* C4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-30	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-07-04	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 786

31 May 2005 21:14:21

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3**

Rel-4 *current version:* 4.11.0 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-11

*G:* U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.ITCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-10	2001-01-12	1	.	0	.	0	NP-000652	<a href="#">get it</a>
NP-11	2001-03-30	4	.	0	.	0		<a href="#">get it</a>
NP-12	2001-07-04	4	.	1	.	0		<a href="#">get it</a>
NP-13	2001-10-05	4	.	2	.	0		<a href="#">get it</a>
NP-14	2002-01-11	4	.	3	.	0		<a href="#">get it</a>
NP-15	2002-03-28	4	.	4	.	0		<a href="#">get it</a>
NP-16	2002-06-21	4	.	5	.	0		<a href="#">get it</a>
NP-17	2002-09-18	4	.	6	.	0		<a href="#">get it</a>
NP-18	2003-01-07	4	.	7	.	0		<a href="#">get it</a>
NP-20	2003-06-27	4	.	8	.	0		<a href="#">get it</a>
NP-25	2004-09-30	4	.	9	.	0		<a href="#">get it</a>
NP-26	2004-12-23	4	.	10	.	0		<a href="#">get it</a>
NP-27	2005-04-01	4	.	11	.	0		<a href="#">get it</a>

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**TS 29.414 Core network Nb data transport and transport signalling**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* SP-11

*G:* U: yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0		<a href="#">get it</a>
NP-12	2001-06-28	4	.	1	.	0		<a href="#">get it</a>
NP-13	2001-10-03	4	.	2	.	0		<a href="#">get it</a>
NP-14	2002-01-11	4	.	3	.	0		<a href="#">get it</a>
NP-15	2002-03-20	4	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 787

31 May 2005 21:14:22

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.415 Core network Nb interface user plane protocols

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
NP-13	2001-10-03	4	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
NP-19	2003-03-27	4	.	3	.	0	<a href="#">get it</a>

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## TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

Rel-4 *current version:* 4.0.1 *WG (prime / other):* C1 / RP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* Skov JURISIC, Andrijana

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16	2002-06-26	4	.	0	.	0	<a href="#">get it</a>
edito post NP-18	2002-12-16	4	.	0	.	1	minor editorials to change style from TS to <a href="#">get it</a>

TR.

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## TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 788

31 May 2005 21:14:22

ACTIVE specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.998-04-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-05	4	.	2	.	0	<a href="#">get it</a>

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**TR 29.998-05-1 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-02	4	.	0	.	0	<a href="#">get it</a>
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**TR 29.998-05-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-03-26	1	.	0	.	0	<a href="#">get it</a>
edito	2001-04-02	1	.	0	.	1	<a href="#">get it</a>
NP-12		2	.	0	.	0	
NP-12	2001-06-29	4	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 789

31 May 2005 21:14:22

ACTIVE specs Rel-4 29 .- series  
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**TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP**

Rel-4      *current version:* 4.0.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-02 4 . 0 . 0      [get it](#)

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**TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**

Rel-4      *current version:* 4.0.0      *WG (prime / other):* C5 /      *rapporteur:* ABARCA, Chelo      ALCATEL S.A.  
*freeze\_meeting:* NP-11      G:      U: yes      *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-02 4 . 0 . 0      [get it](#)

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Rel-4      **30** .- series      Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP) in Phase 2+**

Rel-4      *current version:* 4.0.2      *WG (prime / other):* C4 / -      *rapporteur:* WIEHE, Ulrich      Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-19      G: yes      U: yes      *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series. CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-19 2003-04-07 4 . 0 . 2 Technically identical to 30.002 v4.0.1.      [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 790

31 May 2005 21:14:22

ACTIVE specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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Rel-4 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.048 Security mechanisms for the (U)SIM application toolkit; Test specification**  
Rel-4 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.  
*freeze\_meeting:* TP-21 *G:* yes *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* Test spec for 23.048.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-24: target for approval = TP-25.

*history (event, available, version, comments, hyperlink):*

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**TS 31.101 UICC-terminal interface; Physical and logical characteristics**  
Rel-4 *current version:* 4.2.1 *WG (prime / other):* C6 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* Contents is a reference to ETSI TR 102 221.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-09	4	.	0	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	1	.	0	<a href="#">get it</a>
TP-26	2005-01-03	4	.	2	.	0	<a href="#">get it</a>
edito post TP-26	2005-01-06	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 791

31 May 2005 21:14:22

ACTIVE specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.102 Characteristics of the USIM application

Rel-4 current version: 4.14.0

freeze\_meeting: SP-11

WG (prime / other): C6 / - rapporteur: RUBON, Jean-Francois GEMPLUS S.A.

G: U: yes MCC: LENHART, Gabriele

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-11	2001-04-09	4	.	0	.	0	<a href="#">get it</a>
TP-12	2001-07-23	4	.	1	.	0	<a href="#">get it</a>
TP-13	2001-10-11	4	.	2	.	0	<a href="#">get it</a>
TP-14	2002-01-17	4	.	3	.	0	<a href="#">get it</a>
TP-15	2002-03-28	4	.	4	.	0	<a href="#">get it</a>
TP-16	2002-06-28	4	.	5	.	0	<a href="#">get it</a>
TP-17	2002-09-25	4	.	6	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	7	.	0	<a href="#">get it</a>
TP-19	2003-04-01	4	.	8	.	0	<a href="#">get it</a>
TP-20	2003-06-23	4	.	9	.	0	<a href="#">get it</a>
TP-21	2003-09-30	4	.	10	.	0	<a href="#">get it</a>
TP-22	2004-01-12	4	.	11	.	0	<a href="#">get it</a>
TP-23	2004-03-25	4	.	12	.	0	<a href="#">get it</a>
TP-24	2004-06-15	4	.	13	.	0	<a href="#">get it</a>
TP-26	2005-01-06	4	.	14	.	0	<a href="#">get it</a>

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## TS 31.110 Numbering system for telecommunication IC card applications

Rel-4 current version: 4.1.0

freeze\_meeting: SP-11

WG (prime / other): C6 / - rapporteur: DIETRICH, Christian Axalto S.A.

G: U: yes MCC: LENHART, Gabriele

remarks - general: Sanders April 2001: Will be scrapped in favour of an ETSI SCP document.  
May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.CP-27: change of WG as a result of closure of CN and T.

remarks - this release: TP-26: T3 indicates it needs further studies on this document.

history (event, available, version, comments, hyperlink):

TP-11	2001-05-16	4	.	0	.	0	late due to reversal of original T3 decision to scrap in favour of an ETSI SCP deliverable only <a href="#">get it</a>
TP-14	2002-01-16	4	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 792

31 May 2005 21:14:22

ACTIVE specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-4 *current version:* 4.14.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-09	2000-10-18	4	.	0	.	0	<a href="#">get it</a>
TP-10	2001-01-05	4	.	1	.	0	<a href="#">get it</a>
TP-11	2001-04-09	4	.	2	.	0	<a href="#">get it</a>
edito	2001-04-10	4	.	2	.	1	<a href="#">get it</a>
TP-12	2001-07-06	4	.	3	.	0	<a href="#">get it</a>
TP-13	2001-10-12	4	.	4	.	0	<a href="#">get it</a>
TP-14	2002-01-16	4	.	5	.	0	<a href="#">get it</a>
TP-15	2002-03-28	4	.	6	.	0	<a href="#">get it</a>
TP-16	2002-06-28	4	.	7	.	0	<a href="#">get it</a>
TP-17	2002-09-18	4	.	8	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	9	.	0	<a href="#">get it</a>
TP-19	2003-04-04	4	.	10	.	0	<a href="#">get it</a>
TP-21	2003-09-29	4	.	11	.	0	<a href="#">get it</a>
TP-25	2004-09-28	4	.	12	.	0	<a href="#">get it</a>
TP-26	2005-01-03	4	.	13	.	0	<a href="#">get it</a>
TP-27	2005-03-24	4	.	14	.	0	<a href="#">get it</a>

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## TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C6 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* LENHART, Gabriele

*remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCPCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.

*history (event, available, version, comments, hyperlink):*

TP-26	2005-01-06	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 793

31 May 2005 21:14:22

ACTIVE specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification**

Rel-4 *current version:* 4.11.0 *WG (prime / other):* C6 / - *rapporteur:* WILLENBRINK, Udo Orga Test Systems Gmbh  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* based on R99 core spec; split into 2 parts (this is 2)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-12	2001-07-06	4	.	0	.	0	<a href="#">get it</a>
TP-16	2002-06-19	4	.	1	.	0	<a href="#">get it</a>
TP-17	2002-09-18	4	.	2	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	3	.	0	<a href="#">get it</a>
TP-19	2003-03-26	4	.	4	.	0	<a href="#">get it</a>
TP-20	2003-06-23	4	.	5	.	0	<a href="#">get it</a>
TP-21	2003-09-29	4	.	6	.	0	<a href="#">get it</a>
TP-23	2004-03-26	4	.	7	.	0	<a href="#">get it</a>
TP-24	2004-06-15	4	.	8	.	0	<a href="#">get it</a>
TP-25	2004-10-08	4	.	9	.	0	<a href="#">get it</a>
TP-26	2005-01-06	4	.	10	.	0	<a href="#">get it</a>
TP-27	2005-03-24	4	.	11	.	0	<a href="#">get it</a>

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**TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C6 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
*freeze\_meeting:* TP-26 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split into two partsCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.

*history (event, available, version, comments, hyperlink):*

TP-26	2005-01-06	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 794

31 May 2005 21:14:22

ACTIVE specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.124 Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification**

Rel-4 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* G: U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Pointer to latest Release.

*history (event, available, version, comments, hyperlink):*

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Rel-4 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.101 Telecommunication management; Principles and high level requirements**

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-03-28	4	.	0	.	0	<a href="#">get it</a>
edito	2001-04-11	4	.	0	.	1	<a href="#">get it</a>
SP-12	2001-07-03	4	.	1	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	2	.	0	<a href="#">get it</a>
edito	2002-03-26	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 795

31 May 2005 21:14:22

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*G:* U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-03-28	4 . 0 . 0	<a href="#">get it</a>
SP-12	2001-07-03	4 . 1 . 0	<a href="#">get it</a>
SP-13	2001-10-05	4 . 2 . 0	<a href="#">get it</a>
SP-19	2003-03-31	4 . 3 . 0	<a href="#">get it</a>
SP-21	2003-10-03	4 . 4 . 0	<a href="#">get it</a>
SP-23	2004-03-23	4 . 5 . 0	<a href="#">get it</a>

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## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-12

*WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-07-03	4 . 0 . 0	<a href="#">get it</a>
edito (layout and references)	2003-01-07	4 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 796

31 May 2005 21:14:22

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)**

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S5 / - *rporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-26	4	.	3	.	0	<a href="#">get it</a>
SP-17	2002-09-18	4	.	4	.	0	<a href="#">get it</a>
SP-18	2003-01-09	4	.	5	.	0	<a href="#">get it</a>
SP-19	2003-03-31	4	.	6	.	0	<a href="#">get it</a>
SP-24	2004-06-15	4	.	7	.	0	<a href="#">get it</a>
SP-27	2005-03-30	4	.	8	.	0	<a href="#">get it</a>

---

**TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-26	4	.	2	.	0	<a href="#">get it</a>
SP-16	2002-06-20	4	.	3	.	0	<a href="#">get it</a>
SP-17	2002-09-20	4	.	4	.	0	<a href="#">get it</a>
SP-18	2003-01-09	4	.	5	.	0	<a href="#">get it</a>
SP-19	2003-04-01	4	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 797

31 May 2005 21:14:22

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-13	2001-10-05	4	.	0	.	0		<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-26	4	.	2	.	0		<a href="#">get it</a>
SP-16	2002-06-20	4	.	3	.	0		<a href="#">get it</a>
SP-18	2003-01-09	4	.	4	.	0		<a href="#">get it</a>
SP-19	2003-04-01	4	.	5	.	0		<a href="#">get it</a>
SP-21	2003-10-02	4	.	6	.	0		<a href="#">get it</a>

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## TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* Had been indicated as approved at SP-12, but this was erroneous.

### *history (event, available, version, comments, hyperlink):*

SP-12	2001-06-18	1	.	0	.	1	SP-010236	<a href="#">get it</a>
SP-13	2001-10-01	2	.	0	.	0	SP-010464	<a href="#">get it</a>
SP-13	2001-10-05	4	.	0	.	0		<a href="#">get it</a>
SP-15	2002-03-26	4	.	1	.	0		<a href="#">get it</a>
SP-16	2002-06-20	4	.	2	.	0		<a href="#">get it</a>
SP-18	2003-01-06	4	.	3	.	0		<a href="#">get it</a>
SP-19	2003-04-02	4	.	4	.	0		<a href="#">get it</a>
SP-21	2003-10-02	4	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 798

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain**

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-11	2001-03-29	1 . 0 . 0		<a href="#">get it</a>
	SP-12	2001-06-18	1 . 1 . 1	SP-010236	<a href="#">get it</a>
	SP-13	2001-09-26	2 . 0 . 0	SP-010464	<a href="#">get it</a>
	SP-13	2001-10-09	4 . 0 . 0		<a href="#">get it</a>
	SP-15	2002-03-26	4 . 1 . 0		<a href="#">get it</a>
edito post	SP-15	2002-03-27	4 . 1 . 1		<a href="#">get it</a>
	SP-16	2002-06-20	4 . 2 . 0		<a href="#">get it</a>
	SP-18	2003-01-09	4 . 3 . 0		<a href="#">get it</a>
	SP-19	2003-04-02	4 . 4 . 0		<a href="#">get it</a>
	SP-21	2003-10-02	4 . 5 . 0		<a href="#">get it</a>
	SP-22	2004-01-05	4 . 6 . 0		<a href="#">get it</a>
	SP-23	2004-03-24	4 . 7 . 0		<a href="#">get it</a>
	SP-27	2005-04-01	4 . 8 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 799

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain**

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-06-18	1 . 0 . 1	SP-010236	<a href="#">get it</a>
	SP-13	2001-10-01	2 . 0 . 0	SP-010464	<a href="#">get it</a>
	SP-13	2001-10-09	4 . 0 . 0		<a href="#">get it</a>
	SP-14	2002-01-11	4 . 1 . 0		<a href="#">get it</a>
	SP-15	2002-03-26	4 . 2 . 0		<a href="#">get it</a>
edito post	SP-15	2002-03-27	4 . 2 . 1		<a href="#">get it</a>
	SP-16	2002-06-20	4 . 3 . 0		<a href="#">get it</a>
	SP-18	2003-01-09	4 . 4 . 0		<a href="#">get it</a>
	SP-21	2003-10-02	4 . 5 . 0		<a href="#">get it</a>
	SP-22	2004-01-05	4 . 6 . 0		<a href="#">get it</a>
	SP-23	2004-03-24	4 . 7 . 0		<a href="#">get it</a>
	SP-24	2004-06-17	4 . 8 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 800

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.235 Telecommunication management; Charging management; Charging data description for application services**

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-18	1	.	0	.	1	SP-010236	<a href="#">get it</a>
SP-13	2001-10-01	2	.	0	.	0	SP-010464	<a href="#">get it</a>
SP-13	2001-10-08	4	.	0	.	0		<a href="#">get it</a>
SP-15	2002-03-26	4	.	1	.	0		<a href="#">get it</a>
SP-16	2002-06-20	4	.	2	.	0		<a href="#">get it</a>
SP-17	2002-09-18	4	.	3	.	0		<a href="#">get it</a>
SP-18	2003-01-07	4	.	4	.	0		<a href="#">get it</a>
SP-19	2003-04-02	4	.	5	.	0		<a href="#">get it</a>
SP-20	2003-06-09	4	.	6	.	0		<a href="#">get it</a>

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**TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects**

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 G: yes U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106-8 (pars)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-18	2	.	0	.	0	SP-010283	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0		<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0		<a href="#">get it</a>
edito post SP-18	2003-01-13	4	.	1	.	1		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 801

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements**

Rel-4 *current version:* 4.0.2 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
edito	2002-03-26	4	.	0	.	1	<a href="#">get it</a>
edito post	SP-18 2003-01-13	4	.	0	.	2	<a href="#">get it</a>

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**TS 32.302 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
edito post	SP-18 2003-01-13	4	.	1	.	1	<a href="#">get it</a>
SP-20	2003-06-27	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 802

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.303 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**  
Rel-4 *current version: Set (SS)* 4.5.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-26	4	.	2	.	0	<a href="#">get it</a>
SP-17	2002-09-19	4	.	3	.	0	<a href="#">get it</a>
edito post SP-17	2002-10-01	4	.	3	.	1	<a href="#">get it</a>
edito post SP-18	2003-01-13	4	.	3	.	2	<a href="#">get it</a>
SP-19	2003-03-31	4	.	4	.	0	<a href="#">get it</a>
SP-21	2003-10-01	4	.	5	.	0	<a href="#">get it</a>

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**TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**  
Rel-4 *current version: 4.2.1* *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.301-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-26	4	.	2	.	0	<a href="#">get it</a>
edito post SP-18	2003-01-13	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 803

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.112-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-06-21	2	.	0	.	0		<a href="#">get it</a>
	SP-12	2001-07-03	4	.	0	.	0		<a href="#">get it</a>
	edito	2001-07-12	4	.	0	.	1		<a href="#">get it</a>
edito post	SP-18	2003-01-13	4	.	0	.	2		<a href="#">get it</a>
	SP-22	2004-01-05	4	.	1	.	0		<a href="#">get it</a>

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**TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.112-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-06-21	2	.	0	.	0		<a href="#">get it</a>
	SP-12	2001-07-03	4	.	0	.	0		<a href="#">get it</a>
edito post	SP-18	2003-01-13	4	.	0	.	1		<a href="#">get it</a>
	SP-22	2004-01-05	4	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 804

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-13 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.104 (pars) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-20	1 . 0 . 0		<a href="#">get it</a>
edito	2001-06-27	1 . 0 . 1		<a href="#">get it</a>
SP-13	2001-10-11	2 . 0 . 0	SP-010467	<a href="#">get it</a>
SP-13	2001-10-05	4 . 0 . 0		<a href="#">get it</a>
SP-14	2002-01-11	4 . 1 . 0		<a href="#">get it</a>
SP-17	2002-09-18	4 . 2 . 0		<a href="#">get it</a>
SP-20	2003-06-27	4 . 3 . 0		<a href="#">get it</a>
SP-24	2004-06-15	4 . 4 . 0		<a href="#">get it</a>
SP-25	2004-09-28	4 . 5 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 805

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM**  
Rel-4 *current version:* 4.10.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.104 (pars) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-06-20	1 . 0 . 2	<a href="#">get it</a>
	SP-12	2001-07-04	4 . 0 . 0	<a href="#">get it</a>
	SP-13	2001-10-05	4 . 1 . 0	<a href="#">get it</a>
	SP-15	2002-03-26	4 . 2 . 0	<a href="#">get it</a>
editorial clean up	2002-06-20	4 . 2 . 1	<a href="#">get it</a>	
	SP-19	2003-03-31	4 . 3 . 0	<a href="#">get it</a>
	SP-20	2003-06-27	4 . 4 . 0	<a href="#">get it</a>
	SP-21	2003-10-15	4 . 5 . 0	<a href="#">get it</a>
	SP-23	2004-03-24	4 . 6 . 0	<a href="#">get it</a>
	SP-24	2004-06-17	4 . 7 . 0	<a href="#">get it</a>
	SP-25	2004-09-28	4 . 8 . 0	<a href="#">get it</a>
	SP-26	2005-01-04	4 . 9 . 0	<a href="#">get it</a>
	SP-27	2005-04-01	4 . 10 . 0	<a href="#">get it</a>

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**TS 32.600 Telecommunication management; Configuration Management (CM); Concept and high-level requirements**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106 (pars). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-06-18	2 . 0 . 0	<a href="#">get it</a>
	SP-12	2001-07-03	4 . 0 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 806

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.601 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>

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**TS 32.602 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (SS)**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-22	2004-01-13	4	.	2	.	0	<a href="#">get it</a>
SP-23	2004-03-23	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 807

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**

Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-27	4	.	2	.	0	<a href="#">get it</a>
SP-16	2002-06-20	4	.	3	.	0	<a href="#">get it</a>
post SP-16	2002-07-04	4	.	3	.	1	<a href="#">get it</a>
correction of cover page							

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**TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.601-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 808

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>

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**TS 32.612 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)**  
Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-16	2002-06-21	4	.	2	.	0	<a href="#">get it</a>
SP-17	2002-09-27	4	.	3	.	0	<a href="#">get it</a>
SP-18	2003-01-07	4	.	4	.	0	<a href="#">get it</a>
SP-22	2004-01-13	4	.	5	.	0	<a href="#">get it</a>
SP-23	2004-03-24	4	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 809

31 May 2005 21:14:23

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
SP-16	2002-06-21	4	.	2	.	0	<a href="#">get it</a>
SP-17	2002-09-27	4	.	3	.	0	<a href="#">get it</a>
SP-18	2003-01-07	4	.	4	.	0	<a href="#">get it</a>

---

**TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-16	2002-06-21	4	.	2	.	0	<a href="#">get it</a>
SP-18	2003-01-07	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 810

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
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**TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.602-5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-27	4	.	2	.	0	<a href="#">get it</a>
SP-20	2003-06-27	4	.	3	.	0	<a href="#">get it</a>
Adds XML file with reference from document	2003-10-17	4	.	3	.	1	<a href="#">get it</a>
SP-22	2004-01-13	4	.	4	.	0	<a href="#">get it</a>
SP-24	2004-06-17	4	.	5	.	0	<a href="#">get it</a>

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**TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 811

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-15	2002-03-27	4	.	2	.	0	<a href="#">get it</a>
SP-16	2002-06-28	4	.	3	.	0	<a href="#">get it</a>
SP-20	2003-06-27	4	.	4	.	0	<a href="#">get it</a>

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**TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-4 *current version:* (CORBA) Solution Set (SS) 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
SP-19	2003-03-31	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 812

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.624 Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-4 *current version: (CMIP) Solution Set (SS)* 4.6.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.620-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-27	4	.	3	.	0	<a href="#">get it</a>
SP-16	2002-06-28	4	.	4	.	0	<a href="#">get it</a>
SP-21	2003-10-02	4	.	5	.	0	<a href="#">get it</a>
SP-24	2004-06-15	4	.	6	.	0	<a href="#">get it</a>

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**TS 32.631 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 /- *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 813

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.632 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
SP-16	2002-06-28	4	.	2	.	0	<a href="#">get it</a>
SP-19	2003-04-01	4	.	3	.	0	<a href="#">get it</a>
SP-21	2003-10-15	4	.	4	.	0	<a href="#">get it</a>

---

**TS 32.633 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**  
Rel-4 *current version:* (CORBA) Solution Set (SS) 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder  
T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-28	4	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 814

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-4 *current version: (CMIP) Solution Set (SS)* 4.1.1 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.621-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
edito after SP-17	2002-09-18	4	.	1	.	1	<a href="#">get it</a>

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**TS 32.641 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 /- *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 815

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-16	2002-06-28	4	.	1	.	0	<a href="#">get it</a>
SP-17	2002-09-27	4	.	2	.	0	<a href="#">get it</a>
SP-20	2003-06-26	4	.	3	.	0	<a href="#">get it</a>
SP-22	2004-01-13	4	.	4	.	0	<a href="#">get it</a>
SP-27	2005-04-01	4	.	5	.	0	<a href="#">get it</a>

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**TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-4 *current version:* (CORBA) Solution Set (SS) 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
SP-20	2003-06-27	4	.	2	.	0	<a href="#">get it</a>
SP-22	2004-01-13	4	.	3	.	0	<a href="#">get it</a>
SP-27	2005-04-01	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 816

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-4 *current version: (CMIP) Solution Set (SS)* 4.3.0 *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.622-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
	SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
	SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
edito post	SP-17	2002-09-18	4	.	1	.	1	<a href="#">get it</a>
	SP-20	2003-06-26	4	.	2	.	0	<a href="#">get it</a>
	SP-22	2004-01-13	4	.	3	.	0	<a href="#">get it</a>

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**TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 /- *rporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-1 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
	SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 817

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-2 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0	<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	2	.	0	<a href="#">get it</a>
SP-16	2002-06-28	4	.	3	.	0	<a href="#">get it</a>
SP-17	2002-09-27	4	.	4	.	0	<a href="#">get it</a>
SP-20	2003-06-26	4	.	5	.	0	<a href="#">get it</a>

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**TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture**

Rel-4 *current version:* (CORBA) Solution Set (SS) 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor  
MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-3 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	0	.	0	<a href="#">get it</a>
SP-14	2002-01-11	4	.	1	.	0	<a href="#">get it</a>
SP-20	2003-06-27	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 818

31 May 2005 21:14:24

ACTIVE specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol**  
Rel-4 *current version: (CMIP) Solution Set (SS)* 4.2.0 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* was 32.623-4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-21	2	.	0	.	0		<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0		<a href="#">get it</a>
SP-13	2001-10-05	4	.	1	.	0		<a href="#">get it</a>
SP-20	2003-06-27	4	.	2	.	0		<a href="#">get it</a>

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**TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2000-10-31	0	.	0	.	1		<a href="#">get it</a>
draft	2001-01-17	0	.	0	.	3	NP-010239 (!)	<a href="#">get it</a>
SP-12	2001-06-18	1	.	0	.	0	SP-010233 (for approval!)	<a href="#">get it</a>
SP-12	2001-07-03	4	.	0	.	0		<a href="#">get it</a>

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Rel-4 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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# 3GPP specification status

Page 819

31 May 2005 21:14:24

ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.102 3G security; Security architecture**

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-03-30	4	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	1	.	0	<a href="#">get it</a>
SP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>
SP-14	2002-01-07	4	.	3	.	0	<a href="#">get it</a>
SP-16	2002-06-19	4	.	4	.	0	<a href="#">get it</a>
SP-18	2002-12-18	4	.	5	.	0	<a href="#">get it</a>

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**TS 33.103 3G security; Integration guidelines**

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* BLANCHARD, Colin BT Group Plc  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
SP-12	2001-07-04	4	.	1	.	0	<a href="#">get it</a>
SP-13	2001-10-03	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 820

31 May 2005 21:14:24

ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.105 Cryptographic algorithm requirements

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* CHIKAZAWA, Takeshi Mitsubishi Electric Corporation  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Not to be promoted to Rel-5. SP-24: Decision reversed, promoted to Rel-5 and -6.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-11 4 . 0 . 0  
SP-12 2001-07-04 4 . 1 . 0  
SP-24 2004-06-15 4 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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## TS 33.106 Lawful interception requirements

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-04 4 . 0 . 0

[get it](#)

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## TS 33.107 3G security; Lawful interception architecture and functions

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-04 4 . 0 . 0  
SP-13 2001-10-03 4 . 1 . 0  
SP-14 2002-01-07 4 . 2 . 0  
SP-15 2002-03-26 4 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 821

31 May 2005 21:14:24

ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.120 Security Objectives and Principles

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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## TS 33.200 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-12

*WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian  
*G:* *U:* yes *MCC:* CLAYTON, Michael

QUALCOMM EUROPE S.A.R.L.

*remarks - general:* 2001-05-24: title grows MAP; see 33.210 for IP equivalent.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2001-06-26 1 . 0 . 1  
SA-12 2 . 0 . 0 SP-010322, ed notes in SP-010347  
SP-12 2001-07-04 4 . 0 . 0  
SP-13 2001-10-03 4 . 1 . 0  
SP-14 2002-01-07 4 . 2 . 0  
SP-15 2002-03-26 4 . 3 . 0

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[get it](#)

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## TR 33.901 Criteria for cryptographic Algorithm design process

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* BLOM, Rolf  
*G:* *U:* yes *MCC:* CLAYTON, Michael

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-10-03 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 822

31 May 2005 21:14:24

ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.902 Formal Analysis of the 3G Authentication Protocol**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* HORN, Guenther SIEMENS AG  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-10-03 4 . 0 . 0

[get it](#)

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**TR 33.903 Access Security for IP based services**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* VACANT,  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TR 33.908 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* TSG#7: S3-000105=NP-000049

*remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-10-03 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 823

31 May 2005 21:14:25

ACTIVE specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rporteur:* WALKER, Michael VODAFONE Group Plc

*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10. *remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
correct misprint in spec number	2001-07-23	4	.	0	.	1	<a href="#">get it</a>

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Rel-4 **34** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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# 3GPP specification status

Page 824

31 May 2005 21:14:25

ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-4 *current version:* 4.11.0 *WG (prime / other):* R5 / - *rapporteur:* CHALABI, Nohman ANRITSU LTD  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.

### *history (event, available, version, comments, hyperlink):*

	TP-13	2001-10-08	4 . 0 . 0	<a href="#">get it</a>
	TP-14	2002-01-09	4 . 1 . 0	<a href="#">get it</a>
	TP-15	2002-03-20	4 . 2 . 0	<a href="#">get it</a>
edito post	TP-15	2002-03-26	4 . 2 . 1	<a href="#">get it</a>
	TP-16	2002-06-17	4 . 3 . 0	<a href="#">get it</a>
	TP-17	2002-09-11	4 . 4 . 0	<a href="#">get it</a>
	TP-18	2002-12-18	4 . 5 . 0	<a href="#">get it</a>
	TP-19	2003-03-24	4 . 6 . 0	<a href="#">get it</a>
	TP-20	2003-06-18	4 . 7 . 0	<a href="#">get it</a>
	TP-21	2003-10-10	4 . 8 . 0	<a href="#">get it</a>
	TP-22	2004-01-16	4 . 9 . 0	<a href="#">get it</a>
	TP-23	2004-03-26	4 . 10 . 0	<a href="#">get it</a>
	TP-24	2004-06-18	4 . 11 . 0	<a href="#">get it</a>

technical contents removed, is just a pointer to Rel-5 version

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## TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ARZELIER, Claude

*remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. *remarks - this release:*  
TSG#9: Stable, so txfered from T1 to R2.

### *history (event, available, version, comments, hyperlink):*

	RP-11	2001-03-27	4 . 0 . 0	<a href="#">get it</a>
	RP-12	2001-06-19	4 . 1 . 0	<a href="#">get it</a>
	RP-15	2002-03-19	4 . 2 . 0	<a href="#">get it</a>
	RP-16	2002-06-17	4 . 3 . 0	<a href="#">get it</a>
	RP-18	2003-01-13	4 . 4 . 0	<a href="#">get it</a>
	RP-19	2003-03-25	4 . 5 . 0	<a href="#">get it</a>
	RP-25	2004-09-27	4 . 6 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 825

31 May 2005 21:14:25

ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R5 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation  
*freeze\_meeting:* SP-13 *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-20 2003-06-17 4 . 0 . 0 upgrade sans CR [get it](#)  
TP-21 2003-10-10 4 . 1 . 0 [get it](#)

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## TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R5 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG  
*freeze\_meeting:* SP-13 *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-12 2001-07-03 4 . 0 . 0 [get it](#)  
TP-13 2001-10-03 4 . 1 . 0 [get it](#)  
TP-14 2002-01-09 4 . 2 . 0 [get it](#)  
TP-15 2002-03-21 4 . 3 . 0 [get it](#)  
TP-16 2002-06-17 4 . 4 . 0 [get it](#)  
TP-17 2002-09-05 4 . 5 . 0 [get it](#)  
TP-18 2002-12-18 4 . 6 . 0 [get it](#)  
TP-19 2003-03-24 4 . 7 . 0 [get it](#)  
TP-20 2003-06-17 4 . 8 . 0 [get it](#)  
TP-21 2003-10-10 4 . 9 . 0 [get it](#)  
TP-22 2004-01-19 4 . 10 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 826

31 May 2005 21:14:25

ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R5 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-13	2001-10-03	4	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-09	4	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-20	4	.	2	.	0	<a href="#">get it</a>
TP-16	2002-06-19	4	.	3	.	0	<a href="#">get it</a>

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## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R5 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-13	2001-10-04	4	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-09	4	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-21	4	.	2	.	0	<a href="#">get it</a>
TP-16	2002-06-19	4	.	3	.	0	<a href="#">get it</a>

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R5 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-27	2005-04-01	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 827

31 May 2005 21:14:25

ACTIVE specs Rel-4 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* T1->R4@TSG#10 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
RP-18	2003-01-10	4	.	1	.	0	<a href="#">get it</a>
RP-19	2003-04-04	4	.	2	.	0	<a href="#">get it</a>

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## TR 34.910 Identification of test requirements for regulatory purposes in different regions/countries

Rel-4 *current version:* 1.0.0 DRAFT *WG (prime / other):* R5 / - *rapporteur:* NIELSEN, Bjarke QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-05	1999-10-13	0	.	0	.	1	<a href="#">get it</a>
TP-10	2001-01-09	1	.	0	.	0	<a href="#">get it</a>

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## TR 34.926 Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B Research in Motion UK Limited  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-09	2000-10-06	1	.	0	.	0	<a href="#">get it</a>
RP-10	2001-01-09	4	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 828

31 May 2005 21:14:25

ACTIVE specs Rel-4 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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Rel-4 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-08-28 4 . 0 . 0 [get it](#)  
SP-14 2002-01-07 4 . 1 . 0 [get it](#)

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**TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-08-28 4 . 0 . 0 [get it](#)

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**TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 G: U: yes MCC: CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-08-28 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 829

31 May 2005 21:14:25

ACTIVE specs Rel-4 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.204**    **Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**  
Rel-4    *current version:* 4.0.0    *WG (prime / other):* S3 / -    *rapporteur:* WALKER, Michael    VODAFONE Group Plc  
*freeze\_meeting:* SP-11    *G:*    *U:* yes    *MCC:*    CLAYTON, Michael  
*remarks - general:*    ex SAGE; supplied by ETSI under licence    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-08-28 4 . 0 . 0

[get it](#)

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**TS 35.205**    **3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-4    *current version:* 1: General    4.0.0    *WG (prime / other):*    S3    /-    *rapporteur:*    WALKER, Michael  
VODAFONE Group Plc  
*freeze\_meeting:* SP-11    *G:*    *U:* yes    *MCC:*    CLAYTON, Michael  
*remarks - general:*    ex SAGE. 2002-06: clarified that deliverable is TS not TR.    *remarks - this release:* TSG#11:changed to Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-05-09 4 . 0 . 0

[get it](#)

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**TS 35.206**    **3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-4    *current version:* 2: Algorithm specification    4.0.0    *WG (prime / other):*    S3    /-    *rapporteur:*    WALKER, Michael  
VODAFONE Group Plc  
*freeze\_meeting:* SP-11    *G:*    *U:* yes    *MCC:*    CLAYTON, Michael  
*remarks - general:*    ex SAGE    *remarks - this release:* TSG#11:changed to Rel-4

*history (event, available, version, comments, hyperlink):*

SP-11 2001-05-09 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 830

31 May 2005 21:14:25

ACTIVE specs Rel-4 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.207 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-4 *current version: 3: Implementors' test data* 4.0.0 *WG (prime / other):* S3 */-* *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* TSG#11:changed to Rel-4

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0

[get it](#)

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**TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-4 *current version: 4: Design conformance test data* 4.0.0 *WG (prime / other):* S3 */-* *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* TSG#11:changed to Rel-4

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0

[get it](#)

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**TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
Rel-4 *current version: 5: Summary and results of design and evaluation* 4.0.0 *WG (prime / other):* S3 */-* *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* TSG#11:Formerly 35.209 Rel-99 (but never made available)

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-05-09 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 831

31 May 2005 21:14:25

ACTIVE specs Rel-4 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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Rel-4 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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**TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)  
edito 2001-05-02 4 . 0 . 1 [get it](#)

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**TR 41.033 Lawful Interception requirements for GSM**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0  
edito 2001-05-02 4 . 0 . 1 [get it](#)

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**TS 41.061 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 832

31 May 2005 21:14:25

ACTIVE specs Rel-4 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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## TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-4 *current version:* 4.14.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-20 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20	2003-06-25	4	.	9	.	0	Created from 41.102 v4.9.0	<a href="#">get it</a>
SP-23	2004-04-02	4	.	10	.	0		<a href="#">get it</a>
SP-24	2004-06-24	4	.	11	.	0		<a href="#">get it</a>
SP-25	2004-09-29	4	.	12	.	0		<a href="#">get it</a>
SP-26	2005-01-04	4	.	13	.	0		<a href="#">get it</a>
SP-27	2005-03-22	4	.	14	.	0		<a href="#">get it</a>

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Rel-4 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.009 Security aspects

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Per TeliaSonera AB  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Not to be promoted to Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	4	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 833

31 May 2005 21:14:25

ACTIVE specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.017 Subscriber Identity Module (SIM); Functional characteristics**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C6 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-09 4 . 0 . 0 [get it](#)

---

**TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-12 2001-07-06 4 . 0 . 0 [get it](#)

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**TS 42.033 Lawful Interception; Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 834

31 May 2005 21:14:25

ACTIVE specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* Was 22.043 at Rel99. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

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**TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-02 4 . 0 . 0

[get it](#)

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**TS 42.068 Voice Group Call Service (VGCS); Stage 1**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-23 4 . 0 . 0 32,304

edito 2000-10-24 4 . 0 . 1

SP-10 2001-01-08 4 . 1 . 0

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[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 835

31 May 2005 21:14:25

ACTIVE specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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## TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-4  
current version: 4.1.0  
freeze\_meeting: SP-11

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-08	2000-06-23	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
SP-10	2001-01-08	4	.	1	.	0

[get it](#)

[get it](#)

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Rel-4 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.005 Technical performance objectives

Rel-4  
current version: 4.0.0  
freeze\_meeting: SP-11

WG (prime / other): CP / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB  
G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: Note that 03.05 was a TR, but Rel-4 has been drafted as a TS.

history (event, available, version, comments, hyperlink):

NP-11	2001-04-11	4	.	0	.	0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 836

31 May 2005 21:14:25

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.010 GSM Public Land Mobile Network (PLMN) connection types**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-10	2001-01-08	4	.	0	.	0	<a href="#">get it</a>
NP-11	2001-04-06	4	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-17	4	.	2	.	0	<a href="#">get it</a>

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**TS 43.013 Discontinuous Reception (DRX) in the GSM system**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
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**TS 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* For test spec, see 51.013.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-11	2001-10-23	4	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-17	4	.	1	.	0	<a href="#">get it</a>
TP-16	2002-06-25	4	.	2	.	0	<a href="#">get it</a>
TP-17	2002-09-27	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 837

31 May 2005 21:14:26

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.020 Security-related network functions

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / NP / *rapporteur:* GILBERT, Henri France Telecom  
GP FTR&D/DTL/SSR  
*G:* yes *U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-09 2000-11-04 4 . 0 . 0 many invalid references [get it](#)

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## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* Moved from SMG3 Jan 2000.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-01 2000-10-10 4 . 0 . 0 [get it](#)  
edito 2000-10-24 4 . 0 . 1 [get it](#)  
GP-02 2000-11-24 4 . 1 . 0 [get it](#)  
edito 2000-11-30 4 . 1 . 1 [get it](#)  
GP-03 2001-02-15 4 . 2 . 0 [get it](#)  
GP-05 2001-10-05 4 . 3 . 0 [get it](#)  
GP-10 2002-07-19 4 . 4 . 0 [get it](#)  
GP-11 2002-09-19 4 . 5 . 0 [get it](#)  
GP-24 2005-04-22 4 . 6 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 838

31 May 2005 21:14:26

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator**

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-04-11 4 . 0 . 0  
re-issue as TR (not 2002-07-31 4 . 0 . 1  
TS) as per 03.26

[get it](#)  
[get it](#)

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**TR 43.030 Radio network planning aspects**

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-01 2000-10-10 4 . 0 . 0  
some refs revert to 2000-10-24 4 . 0 . 1  
pre-Rel-4 GSM  
format

[get it](#)  
[get it](#)

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**TS 43.033 3G security; Lawful Interception; Stage 2**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 839

31 May 2005 21:14:26

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.045 Technical Realization of Facsimile Group 3 Service - transparent

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-06 4 . 0 . 0

[get it](#)

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## TS 43.050 Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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## TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-04-11 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 840

31 May 2005 21:14:26

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	2	.	0	<a href="#">get it</a>
GP-16	2003-09-12	4	.	3	.	0	<a href="#">get it</a>
GP-21	2004-09-20	4	.	4	.	0	<a href="#">get it</a>
GP-22	2004-12-02	4	.	5	.	0	<a href="#">get it</a>
GP-23	2005-02-11	4	.	6	.	0	<a href="#">get it</a>

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## TR 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11	2001-04-10	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 841

31 May 2005 21:14:26

ACTIVE specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

Rel-4 *current version:* 4.6.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-02	2001-01-05	1	.	0	.	0	<a href="#">get it</a>
draft	2001-02-02	1	.	0	.	2	<a href="#">get it</a>
GP-04	2001-05-09	4	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
GP-06	2001-10-01	4	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	3	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	4	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	5	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	6	.	0	<a href="#">get it</a>

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## TS 43.064 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-03	2001-02-15	4	.	0	.	0	<a href="#">get it</a>
GP-04	2001-04-20	4	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	2	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	3	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	4	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 842

31 May 2005 21:14:26

ACTIVE specs Rel-4 43 .- series  
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## TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.5.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-08	2000-06-23	4 . 0 . 0	<a href="#">get it</a>
NP-09	2000-10-12	4 . 1 . 0	<a href="#">get it</a>
edito	2000-10-24	4 . 1 . 1	<a href="#">get it</a>
NP-10	2001-01-02	4 . 2 . 0	<a href="#">get it</a>
edito	2002-06-17	4 . 2 . 1	<a href="#">get it</a>
edito	2002-06-28	4 . 2 . 2	<a href="#">get it</a>
NP-21	2003-10-08	4 . 3 . 0	<a href="#">get it</a>
NP-25	2004-09-27	4 . 4 . 0	<a href="#">get it</a>
NP-27	2005-03-21	4 . 5 . 0	<a href="#">get it</a>

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## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.4.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-08	2000-06-23	4 . 0 . 0	<a href="#">get it</a>
NP-09	2000-10-12	4 . 1 . 0	<a href="#">get it</a>
edito	2002-06-28	4 . 1 . 1	<a href="#">get it</a>
NP-10	2001-01-03	4 . 2 . 0	<a href="#">get it</a>
edito	2002-06-06	4 . 2 . 1	<a href="#">get it</a>
Note 1 to 9 and Note 2 to 10 in fig. 4	2002-06-27	4 . 2 . 2	<a href="#">get it</a>
NP-21	2003-10-08	4 . 3 . 0	<a href="#">get it</a>
NP-25	2004-09-27	4 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 843

31 May 2005 21:14:26

ACTIVE specs Rel-4 43 .- series  
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## TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.CP-27: *remarks - this release:*  
change of WG as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 4 . 0 . 0 = 23.073 v4.0.0 [get it](#)

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Rel-4 44 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* Skov  
JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0 [get it](#)  
NP-16 2002-06-20 4 . 1 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 844

31 May 2005 21:14:26

ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

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**TS 44.004 Layer 1 - General Requirements**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* GP-04  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

GP-06 2001-09-14 4 . 1 . 0

[get it](#)

GP-07 2002-01-08 4 . 2 . 0

[get it](#)

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**TS 44.005 Data Link (DL) Layer General Aspects**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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Page 845

31 May 2005 21:14:26

ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

Rel-4 *current version:* 4.1.1 *WG (prime / other):* G2 / - *rporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	1	.	0	<a href="#">get it</a>
post GP-08 editorial	2003-12-05	4	.	1	.	1	<a href="#">get it</a>

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**TS 44.012 Short Message Service Cell Broadcast (SMSCB) support on the mobile radio interface**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G2 / N2 *rporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)

*remarks - this release:* TSG#11: Replaces 24.012 for Rel-4 on.

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0	<a href="#">get it</a>
edito	2002-12-17	4	.	0	.	1	<a href="#">get it</a>

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**TS 44.013 Performance Requirements on Mobile Radio Interface**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C1 / - *rporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* SP-11 G: yes U: *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
NP-16	2002-06-20	4	.	1	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 846

31 May 2005 21:14:26

ACTIVE specs Rel-4 44 .- series  
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**TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-18	4	.	1	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	2	.	0	<a href="#">get it</a>
GP-15	2003-07-10	4	.	3	.	0	<a href="#">get it</a>
GP-20	2004-07-23	4	.	4	.	0	<a href="#">get it</a>

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Page 847

31 May 2005 21:14:26

ACTIVE specs Rel-4 44 .- series  
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## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 current version: 4.21.0

freeze\_meeting: GP-04

WG (prime / other): G2 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release: #32:9.0.0 MCC-converted Aug00:

### history (event, available, version, comments, hyperlink):

04.18 to 3G format	2000-08-10	4 . 0 . 0	<a href="#">get it</a>
GP-01	2000-10-11	4 . 1 . 0	<a href="#">get it</a>
edito	2000-10-24	4 . 1 . 1	<a href="#">get it</a>
GP-02	2000-12-21	4 . 2 . 0	<a href="#">get it</a>
GP-03	2001-01-31	4 . 3 . 0	<a href="#">get it</a>
GP-04	2001-05-04	4 . 4 . 0	<a href="#">get it</a>
GP-05	2001-06-18	4 . 5 . 0	<a href="#">get it</a>
GP-06	2001-09-10	4 . 6 . 0	<a href="#">get it</a>
GP-07	2002-01-08	4 . 7 . 0	<a href="#">get it</a>
GP-08	2002-02-19	4 . 8 . 0	<a href="#">get it</a>
GP-09	2002-05-02	4 . 9 . 0	<a href="#">get it</a>
edito post	GP-09 2002-05-28	4 . 9 . 1	<a href="#">get it</a>
GP-10	2002-07-19	4 . 10 . 0	<a href="#">get it</a>
GP-11	2002-09-16	4 . 11 . 0	<a href="#">get it</a>
GP-12	2002-12-17	4 . 12 . 0	<a href="#">get it</a>
GP-13	2003-02-21	4 . 13 . 0	<a href="#">get it</a>
GP-14	2003-04-28	4 . 14 . 0	<a href="#">get it</a>
GP-15	2003-07-10	4 . 15 . 0	<a href="#">get it</a>
post GP-15 editorial	2003-12-05	4 . 15 . 1	<a href="#">get it</a>
GP-18	2004-02-23	4 . 16 . 0	<a href="#">get it</a>
GP-19	2004-05-06	4 . 17 . 0	<a href="#">get it</a>
GP-20	2004-07-23	4 . 18 . 0	<a href="#">get it</a>
GP-21	2004-09-04	4 . 19 . 0	<a href="#">get it</a>
GP-23	2005-02-11	4 . 20 . 0	<a href="#">get it</a>
GP-24	2005-04-21	4 . 21 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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Page 848

31 May 2005 21:14:26

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**TS 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-10	2000-12-21	4 . 0 . 0	<a href="#">get it</a>
NP-17	2002-09-19	4 . 1 . 0	<a href="#">get it</a>

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**TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)**

Rel-4 *current version:* 4.13.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4 . 0 . 0	<a href="#">get it</a>
GP-05	2001-06-18	4 . 1 . 0	<a href="#">get it</a>
GP-06	2001-09-14	4 . 2 . 0	<a href="#">get it</a>
GP-07	2002-01-08	4 . 3 . 0	<a href="#">get it</a>
GP-08	2002-02-19	4 . 4 . 0	<a href="#">get it</a>
GP-09	2002-05-02	4 . 5 . 0	<a href="#">get it</a>
GP-10	2002-07-19	4 . 6 . 0	<a href="#">get it</a>
GP-16	2003-09-12	4 . 7 . 0	<a href="#">get it</a>
GP-18	2004-02-23	4 . 8 . 0	<a href="#">get it</a>
GP-19	2004-05-06	4 . 9 . 0	<a href="#">get it</a>
GP-20	2004-07-23	4 . 10 . 0	<a href="#">get it</a>
GP-21	2004-09-04	4 . 11 . 0	<a href="#">get it</a>
GP-22	2004-11-29	4 . 12 . 0	<a href="#">get it</a>
GP-23	2005-02-11	4 . 13 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 849

31 May 2005 21:14:27

ACTIVE specs Rel-4 44 .- series  
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**TS 44.035 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0  
GP-07 2002-01-08 4 . 1 . 0

[get it](#)

[get it](#)

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**TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0

[get it](#)

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**TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 850

31 May 2005 21:14:27

ACTIVE specs Rel-4 44 .- series  
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**TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol**

Rel-4 *current version:* 4.20.0 *WG (prime / other):* G2 / *rporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

	GP-03	2001-01-31	4 . 0 . 0	<a href="#">get it</a>
	GP-04	2001-05-04	4 . 1 . 0	<a href="#">get it</a>
	GP-05	2001-06-18	4 . 2 . 0	<a href="#">get it</a>
	GP-06	2001-09-14	4 . 3 . 0	<a href="#">get it</a>
	GP-07	2002-01-09	4 . 4 . 0	<a href="#">get it</a>
	GP-08	2002-02-19	4 . 5 . 0	<a href="#">get it</a>
	GP-09	2002-05-03	4 . 6 . 0	<a href="#">get it</a>
edito post	GP-09	2002-05-28	4 . 6 . 1	<a href="#">get it</a>
	GP-10	2002-07-19	4 . 7 . 0	<a href="#">get it</a>
	GP-11	2002-09-16	4 . 8 . 0	<a href="#">get it</a>
	GP-12	2002-12-17	4 . 9 . 0	<a href="#">get it</a>
	GP-13	2003-02-21	4 . 10 . 0	<a href="#">get it</a>
	GP-14	2003-04-29	4 . 11 . 0	<a href="#">get it</a>
	GP-15	2003-07-10	4 . 12 . 0	<a href="#">get it</a>
	GP-16	2003-09-13	4 . 13 . 0	<a href="#">get it</a>
	GP-17	2003-12-05	4 . 14 . 0	<a href="#">get it</a>
	GP-18	2004-02-23	4 . 15 . 0	<a href="#">get it</a>
	GP-19	2004-05-06	4 . 16 . 0	<a href="#">get it</a>
	GP-20	2004-07-23	4 . 17 . 0	<a href="#">get it</a>
	GP-21	2004-09-03	4 . 18 . 0	<a href="#">get it</a>
	GP-22	2004-11-29	4 . 19 . 0	<a href="#">get it</a>
	GP-23	2005-02-11	4 . 20 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 851

31 May 2005 21:14:27

ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-04	4	.	2	.	0	<a href="#">get it</a>
NP-15	2002-03-19	4	.	3	.	0	<a href="#">get it</a>

---

**TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only. CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-10	2001-01-02	4	.	0	.	0	<a href="#">get it</a>
NP-13	2001-10-02	4	.	1	.	0	<a href="#">get it</a>
NP-15	2002-03-19	4	.	2	.	0	<a href="#">get it</a>
NP-25	2004-09-27	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 852

31 May 2005 21:14:27

ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.068 Group Call Control (GCC) Protocol

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

conversion to 3GPP	2000-09-06	4	.	0	.	0	<a href="#">get it</a>
format							
NP-09	2000-10-12	4	.	1	.	0	<a href="#">get it</a>
edito	2000-10-24	4	.	1	.	1	<a href="#">get it</a>
NP-12	2001-06-29	4	.	2	.	0	<a href="#">get it</a>
NP-16	2002-06-19	4	.	3	.	0	<a href="#">get it</a>

---

## TS 44.069 Broadcast Call Control (BCC) protocol

Rel-4 *current version:* 4.3.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-08	2000-06-23	4	.	0	.	0	<a href="#">get it</a>
NP-09	2000-10-12	4	.	1	.	0	<a href="#">get it</a>
edito	2000-10-24	4	.	1	.	1	<a href="#">get it</a>
NP-12	2001-06-29	4	.	2	.	0	<a href="#">get it</a>
NP-16	2002-06-19	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 853

31 May 2005 21:14:27

ACTIVE specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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**TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-18	4	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-08	4	.	2	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	3	.	0	<a href="#">get it</a>

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Rel-4 **45** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.001 Physical layer on the radio path; General description**

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-11  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-01	2000-10-10	4	.	0	.	0	<a href="#">get it</a>
edito	2000-10-24	4	.	0	.	1	<a href="#">get it</a>
GP-07	2002-01-04	4	.	1	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	2	.	0	<a href="#">get it</a>
GP-17	2003-12-05	4	.	3	.	0	<a href="#">get it</a>
GP-22	2004-12-02	4	.	4	.	0	<a href="#">get it</a>
GP-24	2005-04-22	4	.	5	.	0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 854

31 May 2005 21:14:27

ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.002 Multiplexing and multiple access on the radio path

Rel-4 current version: 4.8.0  
freeze\_meeting: SP-11

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist  
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-01	2000-10-10	4	.	0	.	0	<a href="#">get it</a>
edito	2000-10-24	4	.	0	.	1	<a href="#">get it</a>
GP-02	2000-11-24	4	.	1	.	0	<a href="#">get it</a>
edito	2000-11-30	4	.	1	.	1	<a href="#">get it</a>
GP-03	2001-01-15	4	.	2	.	0	<a href="#">get it</a>
edito	2001-02-27	4	.	2	.	1	<a href="#">get it</a>
GP-04	2001-04-20	4	.	3	.	0	<a href="#">get it</a>
GP-06	2001-10-01	4	.	4	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	5	.	0	<a href="#">get it</a>
GP-13	2003-02-21	4	.	6	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	7	.	0	<a href="#">get it</a>
GP-15	2003-07-11	4	.	8	.	0	<a href="#">get it</a>

---

## TS 45.003 Channel coding

Rel-4 current version: 4.4.0  
freeze\_meeting: SP-11

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist  
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-03	2001-02-06	4	.	0	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	1	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	2	.	0	<a href="#">get it</a>
GP-22	2004-12-02	4	.	3	.	0	<a href="#">get it</a>
GP-23	2005-02-11	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 855

31 May 2005 21:14:27

ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.004 Modulation**

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-06-18	4	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-29	4	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 856

31 May 2005 21:14:27

ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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## TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.16.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson

*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

GP-01	2000-10-10	4	.	0	.	0	<a href="#">get it</a>
edito	2000-10-24	4	.	0	.	1	<a href="#">get it</a>
GP-02	2000-11-24	4	.	1	.	0	<a href="#">get it</a>
edito	2000-11-30	4	.	1	.	1	<a href="#">get it</a>
GP-03	2001-02-15	4	.	2	.	0	<a href="#">get it</a>
GP-04	2001-04-20	4	.	3	.	0	<a href="#">get it</a>
GP-05	2001-06-29	4	.	4	.	0	<a href="#">get it</a>
GP-06	2001-10-01	4	.	5	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	6	.	0	<a href="#">get it</a>
GP-09	2002-05-06	4	.	7	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	8	.	0	<a href="#">get it</a>
GP-11	2002-09-19	4	.	9	.	0	<a href="#">get it</a>
GP-13	2003-02-21	4	.	10	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	11	.	0	<a href="#">get it</a>
GP-15	2003-07-11	4	.	12	.	0	<a href="#">get it</a>
GP-16	2003-09-12	4	.	13	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	14	.	0	<a href="#">get it</a>
GP-22	2004-12-02	4	.	15	.	0	<a href="#">get it</a>
GP-24	2005-04-22	4	.	16	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 857

31 May 2005 21:14:27

ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.008 Radio subsystem link control**

Rel-4 *current version:* 4.16.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-01	2000-09-01	4	.	0	.	0	<a href="#">get it</a>
GP-02	2000-11-24	4	.	1	.	0	<a href="#">get it</a>
edito	2000-11-30	4	.	1	.	1	<a href="#">get it</a>
GP-03	2001-02-15	4	.	2	.	0	<a href="#">get it</a>
GP-04	2001-04-20	4	.	3	.	0	<a href="#">get it</a>
GP-05	2001-06-29	4	.	4	.	0	<a href="#">get it</a>
GP-06	2001-10-01	4	.	5	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	6	.	0	<a href="#">get it</a>
GP-08	2002-02-18	4	.	7	.	0	<a href="#">get it</a>
GP-09	2002-05-06	4	.	8	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	9	.	0	<a href="#">get it</a>
GP-14	2003-04-25	4	.	10	.	0	<a href="#">get it</a>
GP-15	2003-07-11	4	.	11	.	0	<a href="#">get it</a>
GP-16	2003-09-12	4	.	12	.	0	<a href="#">get it</a>
GP-17	2003-12-05	4	.	13	.	0	<a href="#">get it</a>
GP-20	2004-07-09	4	.	14	.	0	<a href="#">get it</a>
GP-21	2004-09-22	4	.	15	.	0	<a href="#">get it</a>
GP-22	2004-12-02	4	.	16	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 858

31 May 2005 21:14:27

ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.009 Link adaptation**  
Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-02	2001-02-06	4	.	0	.	0	<a href="#">get it</a>
GP-06	2001-10-01	4	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	2	.	0	<a href="#">get it</a>

---

**TS 45.010 Radio subsystem synchronization**  
Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-04-20	4	.	0	.	0	<a href="#">get it</a>
GP-07	2002-01-04	4	.	1	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	2	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	3	.	0	<a href="#">get it</a>
GP-13	2003-02-21	4	.	4	.	0	<a href="#">get it</a>
GP-16	2003-09-12	4	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 859

31 May 2005 21:14:27

ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.015 Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G1 / - *rapporteur:* ESCULIER, Carole NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* GP-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* 2005-05-10: From Rel-6 onwards, requirements can be found in 45.005 & 24.008. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-22 2004-11-30 2 . 0 . 0 GP-042853 - but should have been [get it](#)  
created from R99 version.  
GP-22 2004-12-02 4 . 0 . 0 [get it](#)

---

**TS 45.022 Radio link management in hierarchical networks**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* 2005-03: Document type changed from TR to TS, since this doc obviously contains requirements, and Rel-4 / Rel-5 documents already showed themselves to be TSs (despite doc type in database!). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-04-11 4 . 0 . 0 [get it](#)

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**TR 45.050 Background for RF Requirements**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* Skov  
USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-04-11 4 . 0 . 0 [get it](#)  
make figures legible 2001-08-01 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 860

31 May 2005 21:14:28

ACTIVE specs Rel-4 45 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.056 CTS-FP Radio Sub-system**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-04-11 4 . 0 . 0

[get it](#)

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Rel-4 **46** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.001 Full rate speech; Processing functions**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-10-10 4 . 0 . 0

[get it](#)

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**TS 46.002 Half rate speech; Half rate speech processing functions**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* *MCC:* USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 861

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.006 Half-rate speech; ANSI-C code for GSM half-rate speech codec**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

---

**TS 46.007 Half rate speech; Test sequences for the GSM half rate speech codec**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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**TS 46.008 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 862

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.010 Full-rate speech; Transcoding**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0  
SP-12 2001-06-29 4 . 1 . 0

[get it](#)

[get it](#)

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**TS 46.011 Full rate speech; Substitution and muting of lost frames for full rate speech channels**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.012 Full rate speech; Comfort noise aspect for full rate speech traffic channels**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0  
SP-12 2001-06-29 4 . 1 . 0

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[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 863

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.020 Half rate speech; Half rate speech transcoding**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* *MCC:* USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* *MCC:* USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.022 Half rate speech; Comfort noise aspects for the half rate speech traffic channels**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* *MCC:* USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 864

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.031 Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.032 Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino One

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.041 Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 865

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.042** **Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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**TS 46.051** **Enhanced Full Rate (EFR) speech processing functions; General description**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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**TS 46.053** **ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-11 2001-04-10 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 866

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.054 Test sequences for the GSM Enhanced Full Rate (EFR) speech codec**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TR 46.055 Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.060 Enhanced Full Rate (EFR) speech transcoding**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 867

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.061 Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.062 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TR 46.076 Adaptive Multi-Rate (AMR) speech codec; Study phase report**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

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fix invisible figures 2002-01-10 4 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 868

31 May 2005 21:14:28

ACTIVE specs Rel-4 46 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

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**TS 46.081 Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

[get it](#)

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**TS 46.082 Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

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**TR 46.085 Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0

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Rel-4 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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# 3GPP specification status

Page 869

31 May 2005 21:14:28

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.001 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0 [get it](#)

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**TS 48.002 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
GP-05 2001-06-18 4 . 1 . 0 [get it](#)  
GP-07 2002-01-08 4 . 2 . 0 Rel-5 CR undone. Effectively reverts to [get it](#)  
4.0.0

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**TS 48.004 Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 870

31 May 2005 21:14:28

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-04 2001-05-04 4 . 0 . 0 [get it](#)

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**TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-4 *current version:* 4.10.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
08.08 to 3G format 2000-08-11 4 . 0 . 0 [get it](#)  
GP-01 2000-10-11 4 . 1 . 0 [get it](#)  
edito 2000-10-24 4 . 1 . 1 [get it](#)  
GP-02 2001-01-11 4 . 2 . 0 [get it](#)  
GP-03 2001-01-31 4 . 3 . 0 [get it](#)  
GP-04 2001-05-04 4 . 4 . 0 [get it](#)  
GP-06 2001-09-14 4 . 5 . 0 [get it](#)  
GP-07 2002-01-08 4 . 6 . 0 [get it](#)  
GP-08 2002-02-19 4 . 7 . 0 [get it](#)  
GP-10 2002-07-19 4 . 8 . 0 [get it](#)  
GP-15 2003-07-10 4 . 9 . 0 [get it](#)  
GP-16 2003-09-12 4 . 10 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 871

31 May 2005 21:14:28

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0 [get it](#)

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**TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-02 2000-11-17 4 . 0 . 0 [get it](#)  
GP-04 2001-05-04 4 . 1 . 0 [get it](#)  
edito 2001-06-07 4 . 1 . 1 [get it](#)  
GP-06 2001-09-14 4 . 2 . 0 [get it](#)  
GP-15 2003-07-10 4 . 3 . 0 [get it](#)  
GP-20 2004-07-23 4 . 4 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 872

31 May 2005 21:14:28

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.018 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**  
Rel-4 *current version:* 4.7.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-02	2000-11-17	4	.	0	.	0	<a href="#">get it</a>
GP-03	2001-01-31	4	.	1	.	0	<a href="#">get it</a>
GP-04	2001-05-04	4	.	2	.	0	<a href="#">get it</a>
GP-05	2001-06-18	4	.	3	.	0	<a href="#">get it</a>
edito	2001-06-29	4	.	3	.	1	<a href="#">get it</a>
GP-06	2001-09-10	4	.	4	.	0	<a href="#">get it</a>
GP-09	2002-05-06	4	.	5	.	0	<a href="#">get it</a>
GP-18	2004-02-23	4	.	6	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	7	.	0	<a href="#">get it</a>

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**TS 48.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-06	4	.	0	.	0	<a href="#">get it</a>
NP-17	2002-09-19	4	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 873

31 May 2005 21:14:28

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.031 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
GP-05 2001-06-18 4 . 1 . 0 [get it](#)

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**TS 48.051 Base Station Controller - Base Transceiver Station (BSC-BTS) interface; General aspects**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
GP-07 2002-01-08 4 . 1 . 0 [get it](#)

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**TS 48.052 Base Station Controller - Base Transceiver Station (BSC-BTS) interface; Interface principles**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0 [get it](#)  
edito 2001-05-15 4 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 874

31 May 2005 21:14:28

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

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**TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

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**TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-05-04 4 . 0 . 0

[get it](#)

GP-08 2002-02-19 4 . 1 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 875

31 May 2005 21:14:29

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0		<a href="#">get it</a>
edito	2001-05-28	4	.	0	.	1		<a href="#">get it</a>
GP-08	2002-02-19	4	.	1	.	0		<a href="#">get it</a>

---

**TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
Rel-4 *current version:* 4.1.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0		<a href="#">get it</a>
GP-08	2002-02-19	4	.	1	.	0	Cover sheet still shows version 4.0.0 and wrong date.	<a href="#">get it</a>

editorial pody GP-08 2002-03-20 4 . 1 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 876

31 May 2005 21:14:29

ACTIVE specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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**TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0	<a href="#">get it</a>
GP-06	2001-09-14	4	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-08	4	.	2	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	3	.	0	<a href="#">get it</a>
GP-15	2003-07-10	4	.	4	.	0	<a href="#">get it</a>

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Rel-4 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.001 General network interworking scenarios**

Rel-4 *current version:* 4.0.2 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 G: yes U: MCC: KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-04	4	.	0	.	0	<a href="#">get it</a>
correct references	2002-06-25	4	.	0	.	1	<a href="#">get it</a>
edito post NP-26	2005-01-11	4	.	0	.	2	<a href="#">get it</a>

Change cover page: TS -> TR

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 877

31 May 2005 21:14:29

ACTIVE specs Rel-4 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* SP-11  
*G:* yes *U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-11	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
draft	2002-06-17	4	.	0	.	1	<a href="#">get it</a>
NP-19	2003-03-24	4	.	1	.	0	<a href="#">get it</a>

---

**TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
Rel-4 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04  
*G:* yes *U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04	2001-05-04	4	.	0	.	0	<a href="#">get it</a>
edito	2001-10-03	4	.	0	.	1	<a href="#">get it</a>
GP-06	2001-09-14	4	.	1	.	0	<a href="#">get it</a>
edito	2001-10-03	4	.	1	.	1	<a href="#">get it</a>
GP-07	2002-01-08	4	.	2	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	3	.	0	<a href="#">get it</a>
GP-19	2004-05-06	4	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 878

31 May 2005 21:14:29

ACTIVE specs Rel-4 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.995**    **General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles**  
Rel-4    *current version:* 4.0.0    *WG (prime / other):* G1 / -    *rapporteur:* ANDERSEN, Niels Peter    QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-24  
  
G: yes    U:    *MCC:* USAI, Paolino  
  
*remarks - general:*    *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*  
GP-24 2005-04-22 4 . 0 . 0 derived from 09,95 v7.3.0    [get it](#)

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Rel-4    **50** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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**TR 50.059**    **Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE**  
Rel-4    *current version:* 4.0.1    *WG (prime / other):* G1 / -    *rapporteur:* MUELLER, Frank    Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11  
  
G: yes    U:    *MCC:* USAI, Paolino  
  
*remarks - general:*    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-04 2001-04-11 4 . 0 . 0    [get it](#)  
edito 2001-10-01 4 . 0 . 1    [get it](#)

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Rel-4    **51** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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# 3GPP specification status

Page 879

31 May 2005 21:14:29

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-4 *current version:* 4.10.0

*freeze\_meeting:* SP-11

*WG (prime / other):* G3new/ S1 /  
NP /  
T2 /  
SCP

*rapporteur:* HU, Shicheng

ETSI Secretariat

G: yes U:

*MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* #32:9.0.0 MCC-converted Aug00:4.0.1

### *history (event, available, version, comments, hyperlink):*

conversion from 2000-08-01 4 . 0 . 1

[get it](#)

11.10-1 v9.0.1

edito 2000-10-24 4 . 0 . 2

[get it](#)

GP-02 2000-12-01 4 . 1 . 0

[get it](#)

edito to correct 2000-12-01 4 . 1 . 1

[get it](#)

Release

edito 2001-01-17 4 . 1 . 2

[get it](#)

GP-03 2001-01-22 4 . 2 . 0

[get it](#)

GP-04 2001-04-11 4 . 3 . 0

[get it](#)

GP-05 2001-06-05 4 . 4 . 0

[get it](#)

GP-06 2001-08-31 4 . 5 . 0

[get it](#)

GP-07 2002-01-09 4 . 6 . 0

[get it](#)

GP-08 2002-02-26 4 . 7 . 0

[get it](#)

GP-09 2002-05-03 4 . 8 . 0

[get it](#)

GP-10 2002-07-19 4 . 9 . 0

[get it](#)

GP-11 2002-09-20 4 . 10 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 880

31 May 2005 21:14:29

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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**TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14  
NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-02		1	.	0	.	0	
GP-04	2001-04-11	4	.	0	.	0	<a href="#">get it</a>
GP-05	2001-06-05	4	.	1	.	0	<a href="#">get it</a>
GP-06	2001-08-31	4	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-09	4	.	3	.	0	<a href="#">get it</a>
GP-07 minor editorial	2002-01-18	4	.	3	.	1	<a href="#">get it</a>
GP-08	2002-02-26	4	.	4	.	0	<a href="#">get it</a>
GP-09	2002-04-29	4	.	5	.	0	<a href="#">get it</a>
GP-10	2002-07-03	4	.	6	.	0	<a href="#">get it</a>
GP-11	2002-09-19	4	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 881

31 May 2005 21:14:29

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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**TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

Rel-4 *current version:* 4.8.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng  
NP /  
T2 /  
SCP

ETSI Secretariat

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-01	2000-09-06	4	.	0	.	0	<a href="#">get it</a>
edito	2000-10-24	4	.	0	.	1	<a href="#">get it</a>
GP-02	2000-11-30	4	.	1	.	0	<a href="#">get it</a>
GP-05	2001-06-28	4	.	2	.	0	<a href="#">get it</a>
GP-06	2001-09-14	4	.	3	.	0	<a href="#">get it</a>
GP-07	2002-01-21	4	.	4	.	0	<a href="#">get it</a>
GP-08	2002-02-19	4	.	5	.	0	<a href="#">get it</a>
GP-09	2002-04-29	4	.	6	.	0	<a href="#">get it</a>
GP-10	2002-07-19	4	.	7	.	0	<a href="#">get it</a>
GP-14	2003-04-29	4	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 882

31 May 2005 21:14:29

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-4 *current version:* 4.14.0 *WG (prime / other):* C6 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version withdrawn!

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-09	4	.	0	.	0	<a href="#">get it</a>
TP-12	2001-07-06	4	.	1	.	0	<a href="#">get it</a>
TP-13	2001-10-11	4	.	2	.	0	<a href="#">get it</a>
TP-14	2002-01-17	4	.	3	.	0	<a href="#">get it</a>
TP-16	2002-06-25	4	.	4	.	0	<a href="#">get it</a>
TP-17	2002-09-18	4	.	5	.	0	<a href="#">get it</a>
TP-18	2003-01-02	4	.	6	.	0	<a href="#">get it</a>
TP-19	2003-04-04	4	.	7	.	0	<a href="#">get it</a>
TP-20	2003-06-23	4	.	8	.	0	<a href="#">get it</a>
TP-21	2003-09-29	4	.	9	.	0	<a href="#">get it</a>
TP-22	2004-01-12	4	.	10	.	0	<a href="#">get it</a>
TP-23	2004-03-26	4	.	11	.	0	<a href="#">get it</a>
TP-24	2004-06-15	4	.	12	.	0	<a href="#">get it</a>
TP-26	2005-01-03	4	.	13	.	0	<a href="#">get it</a>
TP-27	2005-03-24	4	.	14	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 883

31 May 2005 21:14:29

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card

Rel-4 *current version:* 4.2.0 *WG (prime / other):* C6 / - *rapporteur:* BEGASSAT, Christophe Axalto S.A.  
*freeze\_meeting:* TP-19 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TP-15: New WI approved in TP-020029.

### *history (event, available, version, comments, hyperlink):*

TP-16	2002-06-26	1	.	0	.	0	TP-020128	<a href="#">get it</a>
TP-17	2002-09-23	2	.	0	.	0	TP-020220. Doc has been created without CRs and with no Change History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR. TP-18: no CR; anticipate at TP-19.	<a href="#">get it</a>
TP-19	2003-04-04	4	.	0	.	0	Created with CR to 11.13 R99	<a href="#">get it</a>
replace Annex E with correct file	2003-04-16	4	.	0	.	1		<a href="#">get it</a>
TP-22	2004-01-12	4	.	1	.	0		<a href="#">get it</a>
TP-26	2005-01-03	4	.	2	.	0		<a href="#">get it</a>

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## TS 51.014 Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface

Rel-4 *current version:* 4.5.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI TS 102 223 Rel-4 (via a CR to 11.14 R99). TP-26: no promotion to Rel-5 or beyond needed

### *history (event, available, version, comments, hyperlink):*

TP-18	2003-01-02	4	.	0	.	0		<a href="#">get it</a>
TP-19	2003-04-04	4	.	1	.	0		<a href="#">get it</a>
TP-21	2003-09-29	4	.	2	.	0		<a href="#">get it</a>
TP-22	2004-01-12	4	.	3	.	0		<a href="#">get it</a>
TP-25	2004-09-23	4	.	4	.	0		<a href="#">get it</a>
TP-26	2005-01-03	4	.	5	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 884

31 May 2005 21:14:29

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.017 Subscriber Identity Module (SIM) test specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* C6 / - *rapporteur:* SANDSCHNEIDER, Hajo Orga Test Systems Gmbh  
*freeze\_meeting:* TP-27 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

TP-27 2005-03-24 4 . 0 . 0 created by CR to 11.17 v8.1.0 [get it](#)

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## TS 51.021 Base Station System (BSS) equipment specification; Radio aspects

Rel-4 *current version:* 4.4.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson  
*freeze\_meeting:* SP-13 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-07 2002-01-11 4 . 0 . 0 [get it](#)  
GP-10 2002-07-19 4 . 1 . 0 [get it](#)  
GP-12 2003-01-03 4 . 2 . 0 [get it](#)  
GP-13 2003-02-21 4 . 3 . 0 [get it](#)  
GP-15 2003-07-11 4 . 4 . 0 [get it](#)

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## TS 51.026 GSM Repeater Equipment Specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-13 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

post-GP-07 2002-01-23 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 885

31 May 2005 21:14:29

ACTIVE specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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Rel-4 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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**TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-09

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-09 2002-05-06 4 . 0 . 0

[get it](#)

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**TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-13

*G:* yes *U:* *MCC:* ZOICAS, Adrian

*remarks - general:* SP-13: replaces 32.402.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-13 2001-10-05 4 . 0 . 0 formerly 32.402

SP-16 2002-06-20 4 . 1 . 0

[get it](#)

[get it](#)

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Rel-4 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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# 3GPP specification status

Page 886

31 May 2005 21:14:29

ACTIVE specs Rel-4 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.216 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification**  
Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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**TS 55.217 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data**  
Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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**TS 55.218 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data**  
Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 887

31 May 2005 21:14:29

ACTIVE specs Rel-4 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TR 55.919**    **Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**  
Rel-4    *current version:* none    *WG (prime / other):* S3 /    *rapporteur:* N, A    Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26  
*G:* yes    *U:*    *MCC:*    CLAYTON, Michael    One  
*remarks - general:*    2003-09-30: Note: document only available with French export licence.    *remarks - this release:*    Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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## R99

R99    **01** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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# 3GPP specification status

Page 888

31 May 2005 21:14:29

ACTIVE specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R99 *current version:* 8.16.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft	1999-08-01	0 . 0 . 0	<a href="#">get it</a>
draft	1999-08-01	0 . 0 . 1	<a href="#">get it</a>
mods to draft	1999-09-01	0 . 0 . 2	<a href="#">get it</a>
more mods	1999-09-07	0 . 0 . 3	<a href="#">get it</a>
WOME crmts included	1999-09-15	0 . 1 . 0	<a href="#">get it</a>
Becomes T2/smg4 responsibility	1999-09-21	0 . 2 . 0	<a href="#">get it</a>
editorials	1999-10-01	0 . 3 . 0	<a href="#">get it</a>
align with 21.101	1999-10-07	0 . 4 . 0	<a href="#">get it</a>
smg-30	1999-11-11	1 . 0 . 0	<a href="#">get it</a>
align with 21.101	1999-11-30	1 . 1 . 0	<a href="#">get it</a>
smg-31b		2 . 0 . 0	
smg-32	2000-06-20	8 . 0 . 0	<a href="#">get it</a>
SP-10	2001-01-04	8 . 1 . 0	<a href="#">get it</a>
SP-12	2001-07-05	8 . 2 . 0	<a href="#">get it</a>
SP-13	2001-10-01	8 . 3 . 0	<a href="#">get it</a>
SP-14	2002-01-03	8 . 4 . 0	<a href="#">get it</a>
SP-15	2002-03-27	8 . 5 . 0	<a href="#">get it</a>
SP-16	2002-06-19	8 . 6 . 0	<a href="#">get it</a>
SP-17	2002-09-18	8 . 7 . 0	<a href="#">get it</a>
SP-18	2003-01-03	8 . 8 . 0	<a href="#">get it</a>
SP-19	2003-03-27	8 . 9 . 0	<a href="#">get it</a>
SP-20	2003-06-25	8 . 10 . 0	<a href="#">get it</a>
SP-21	2003-09-26	8 . 11 . 0	<a href="#">get it</a>
editorial	2003-09-30	8 . 11 . 1	<a href="#">get it</a>
SP-23	2004-04-02	8 . 12 . 0	<a href="#">get it</a>
SP-24	2004-06-24	8 . 13 . 0	<a href="#">get it</a>
SP-25	2004-09-29	8 . 14 . 0	<a href="#">get it</a>
SP-26	2005-01-04	8 . 15 . 0	<a href="#">get it</a>
SP-27	2005-03-22	8 . 16 . 0	<a href="#">get it</a>

Alignment with 21.101: 1.1.0.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 889

31 May 2005 21:14:30

ACTIVE specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.04 Abbreviations and acronyms

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

upgrade to R99 2000-05-10 8 . 0 . 0

[get it](#)

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## TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

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## TR 01.33 Lawful Interception requirements for GSM

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 890

31 May 2005 21:14:30

ACTIVE specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**

R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#)

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R99 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.09 Security aspects**

R99 *current version:* 8.0.1 *WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Per TeliaSonera AB  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#)  
ETSI publication 2001-06-05 8 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 891

31 May 2005 21:14:30

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.17 Subscriber Identity Module (SIM); Functional characteristics**

R99 *current version:* 8.0.0 *WG (prime / other):* C6 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30 1999-11-11 8 . 0 . 0

[get it](#)

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**TS 02.19 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1**

R99 *current version:* 8.0.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* SP-12 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!

*history (event, available, version, comments, hyperlink):*

TP-12 2002-02-01 8 . 0 . 0 delayed awaiting 11.14

[get it](#)

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**TS 02.33 Lawful Interception (LI); Stage 1**

R99 *current version:* 8.0.1 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-04-14 8 . 0 . 0

ETSI publication 2001-06-05 8 . 0 . 1

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 892

31 May 2005 21:14:30

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.43 Support of Localised Service Area (SoLSA); Service description; Stage 1**

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version too!

*history (event, available, version, comments, hyperlink):*

SP-11 2001-05-02 8 . 0 . 0

[get it](#)

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**TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1**

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* C6 / S3 *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-05-17 8 . 0 . 0

[get it](#)

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**TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1**

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* SMG11->S4 at SMG#30

*remarks - this release:* Nov-00: Created to fill the gap.

*history (event, available, version, comments, hyperlink):*

upgrade to R99 2000-11-16 8 . 0 . 0

ETSI publication 2001-07-20 8 . 0 . 1

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 893

31 May 2005 21:14:30

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1**

R99 *current version:* 8.0.1 *WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-05-01 8 . 0 . 0 [get it](#)  
ETSI publication 2000-10-17 8 . 0 . 1 [get it](#)

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**TS 02.68 Voice Group Call Service (VGCS); Stage 1**

R99 *current version:* 8.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-11-30 8 . 0 . 0 [get it](#)  
SP-10 2001-01-12 8 . 1 . 0 [get it](#)

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**TS 02.69 Voice Broadcast Service (VBS); Stage 1**

R99 *current version:* 8.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* . TSG#10:8.1.0

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-05-10 8 . 0 . 0 [get it](#)  
ETSI publication 2000-10-17 8 . 0 . 1 [get it](#)  
SP-10 2001-01-12 8 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 894

31 May 2005 21:14:30

ACTIVE specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.76 Noise Suppression for the AMR**

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	2 . 0 . 0	
SP-07	2000-03-17	8 . 0 . 0 <a href="#">get it</a>
ETSI publication	2002-07-30	8 . 0 . 1 ETSI publication only - 3GPP use 8.0.0 <a href="#">get it</a>
(not for 3GPP server)		

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**TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1**

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael  
*G: yes U:* *MCC:* CLAYTON, Michael

EMCOM Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	8 . 0 . 0 <a href="#">get it</a>
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R99

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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# 3GPP specification status

Page 895

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.05 Technical performance objectives

R99 *current version:* 8.0.0 *WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#)

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## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R99 *current version:* 8.3.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-30 8 . 0 . 0 [get it](#)  
NP-06 1999-12-17 8 . 1 . 0 [get it](#)  
NP-09 2000-10-18 8 . 2 . 0 [get it](#)  
NP-10 2000-12-21 8 . 3 . 0 [get it](#)

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-03-29 8 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 896

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.19 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card**

R99 *current version:* 8.5.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2001-07-27	8	.	0	.	0	<a href="#">get it</a>	
TP-11	2001-07-27	8	.	1	.	0	<a href="#">get it</a>	
TP-12	2001-07-27	8	.	2	.	0	<a href="#">get it</a>	
TP-14	2002-01-17	8	.	3	.	0	<a href="#">get it</a>	
TP-16	2002-06-19	8	.	4	.	0	<a href="#">get it</a>	
editorial post	TP-16	2002-08-14	8	.	4	.	1	<a href="#">get it</a>
TP-17	2002-09-27	8	.	5	.	0	<a href="#">get it</a>	

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**TS 03.20 Security-related network functions**

R99 *current version:* 8.1.0 *WG (prime / other):* S3 / NP / GP *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30	1999-11-24	8	.	0	.	0	<a href="#">get it</a>
smg-32	2000-06-20	8	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 897

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode**  
R99 *current version:* 8.7.0 *WG (prime / other):* G1 / N1 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: MCC: USAI, Paolino

*remarks - general:* Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows *remarks - this release:*  
"and group receive mode".

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 2 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 3 . 0	<a href="#">get it</a>
GP-03	2001-02-15	8 . 4 . 0	<a href="#">get it</a>
GP-05	2001-06-29	8 . 5 . 0	<a href="#">get it</a>
GP-10	2002-07-19	8 . 6 . 0	<a href="#">get it</a>
GP-11	2002-09-19	8 . 7 . 0	<a href="#">get it</a>

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**TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator**  
R99 *current version:* 8.0.0 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: MCC: USAI, Paolino

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-03-29	8 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 898

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.30 Radio Network Planning Aspects

R99 *current version:* 8.3.0 *WG (prime / other):* GP / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>

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## TS 03.33 Lawful Interception; Stage 2

R99 *current version:* 8.1.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* TSG#10:8.1.0

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-06-30	8	.	0	.	0	<a href="#">get it</a>
SP-10	2000-12-21	8	.	1	.	0	<a href="#">get it</a>

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R99 *current version:* 8.0.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
ETSI publication	2001-10-30	8	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 899

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R99 *current version:* 8.0.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-06 1999-12-17 8 . 0 . 0 (source Klehn) [get it](#)  
ETSI puboication 8 . 0 . 1 ETSI format only. Not for 3GPP use.

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## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R99 *current version:* 8.8.0 *WG (prime / other):* C6 / - *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-29 1999-06-30 8 . 0 . 0 [get it](#)  
smg-30 1999-11-11 8 . 1 . 0 [get it](#)  
smg-31 2000-02-16 8 . 2 . 0 [get it](#)  
TP-08 2000-06-28 8 . 3 . 0 [get it](#)  
TP-09 2000-10-18 8 . 4 . 0 [get it](#)  
TP-11 2001-04-09 8 . 5 . 0 [get it](#)  
TP-12 2001-07-06 8 . 6 . 0 [get it](#)  
TP-13 2001-10-12 8 . 7 . 0 [get it](#)  
TP-14 2002-01-17 8 . 8 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 900

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>					
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
<i>remarks - general:</i>		<i>remarks - this release:</i> #32:8.1.0				
<i>history (event, available, version, comments, hyperlink):</i>						
Upgrade to R99	2000-03-29	8 . 0 . 0	<a href="#">get it</a>			
ETSI publication	2000-09-22	8 . 0 . 1	<a href="#">get it</a>			
smg-32	2000-06-20	8 . 1 . 0	<a href="#">get it</a>			
ETSI publication	2000-11-29	8 . 1 . 1	<a href="#">get it</a>			
<hr/>						
<b>TS 03.52</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
<i>remarks - general:</i>		<i>remarks - this release:</i>				
<i>history (event, available, version, comments, hyperlink):</i>						
Upgrade to R99	2000-03-29	8 . 0 . 0	<a href="#">get it</a>			
ETSI publication	2000-09-29	8 . 0 . 1	<a href="#">get it</a>			
<hr/>						
<b>TS 03.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>					
R99 (EUROPE)	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i>	FAUCONNIER, Denis	NORTEL NETWORKS	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
<i>remarks - general:</i> Mar00: prime responsibility txfrd to SMG11		<i>remarks - this release:</i>				
<i>history (event, available, version, comments, hyperlink):</i>						
Upgrade to R99	2000-03-30	8 . 0 . 0	<a href="#">get it</a>			

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 901

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.55 Dual Transfer Mode (DTM); Stage 2

R99 current version: 8.4.0

freeze\_meeting: SP-06

WG (prime / other): G1 / G2 rapporteur: CARRIZO MARTINEZ, VODAFONE Group Plc

Jose Luis

G: yes U:

MCC: USAI, Paolino

remarks - general: 2003-10-09: Converted from TR to TS.

remarks - this release: GERAN#2: 8.0.0

history (event, available, version, comments, hyperlink):

GP-02 2001-01-05 8 . 0 . 0 [get it](#)

GP-16 2003-09-12 8 . 1 . 0 [get it](#)

Conversion to TS 2003-10-10 8 . 1 . 1 Illogical to be a TR, and 43.055 is a TS! [get it](#)

(was TR)

GP-21 2004-09-20 8 . 2 . 0 [get it](#)

GP-22 2004-12-02 8 . 3 . 0 [get it](#)

GP-23 2005-02-11 8 . 4 . 0 [get it](#)

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## TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R99 current version: 8.0.0

freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: MONFORT, Jean-Yves France Telecom

G: yes U:

MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Upgrade to R99 2000-03-30 8 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 902

31 May 2005 21:14:30

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 *current version:* 8.12.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 2 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 3 . 0	<a href="#">get it</a>
smg-31b	2000-04-17	8 . 4 . 0	<a href="#">get it</a>
smg-32	2000-06-20	8 . 5 . 0	<a href="#">get it</a>
GP-01	2000-10-09	8 . 6 . 0	<a href="#">get it</a>
GP-03	2001-02-15	8 . 7 . 0	<a href="#">get it</a>
GP-04	2001-04-20	8 . 8 . 0	<a href="#">get it</a>
GP-07	2002-01-04	8 . 9 . 0	<a href="#">get it</a>
GP-08	2002-02-19	8 . 10 . 0	<a href="#">get it</a>
GP-14	2003-04-25	8 . 11 . 0	<a href="#">get it</a>
GP-19	2004-05-06	8 . 12 . 0	<a href="#">get it</a>

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## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 *current version:* 8.5.1 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>
NP-07	2000-03-17	8 . 1 . 0	<a href="#">get it</a>
smg-32	2000-06-20	8 . 2 . 0	<a href="#">get it</a>
NP-21	2003-10-10	8 . 3 . 0	<a href="#">get it</a>
NP-25	2004-09-27	8 . 4 . 0	<a href="#">get it</a>
NP-27	2005-03-21	8 . 5 . 0	<a href="#">get it</a>
post NP-27 edito	2005-04-05	8 . 5 . 1	Adds SDL files in zip package <a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 903

31 May 2005 21:14:31

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 *current version:* 8.4.0 *WG (prime / other):* C1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0

### *history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-17	8	.	1	.	0	<a href="#">get it</a>
smg-32	2000-06-20	8	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-13	8	.	3	.	0	<a href="#">get it</a>
NP-25	2004-09-27	8	.	4	.	0	<a href="#">get it</a>

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## TS 03.71 Location Services (LCS); Functional description; Stage 2

R99 *current version:* 8.9.0 *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* Need identified at TSG#7, since 23.171 does not cover GSM.

### *history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-06-30	8	.	0	.	0	<a href="#">get it</a>
SP-11	2001-04-11	8	.	1	.	0	<a href="#">get it</a>
SP-12	2001-06-29	8	.	2	.	0	<a href="#">get it</a>
SP-13	2001-10-15	8	.	3	.	0	<a href="#">get it</a>
SP-14	2002-01-07	8	.	4	.	0	<a href="#">get it</a>
SP-15	2002-04-02	8	.	5	.	0	<a href="#">get it</a>
SP-16	2002-06-17	8	.	6	.	0	<a href="#">get it</a>
SP-17	2002-09-24	8	.	7	.	0	<a href="#">get it</a>
SP-23	2004-04-01	8	.	8	.	0	<a href="#">get it</a>
SP-24	2004-06-23	8	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 904

31 May 2005 21:14:31

ACTIVE specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.CP-27: change of WG *remarks - this release:* SP-16: 23.073 reverts to GERAN-only.  
as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 8 . 0 . 0 technically identical to 23.073 v3.0.1 [get it](#)

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R99

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 *current version:* 8.0.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #31: 8.0.0

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 905

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R99 *current version:* 8.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30	1999-11-11	8	.	0	.	0	<a href="#">get it</a>
ETSI publication	2001-09-07	8	.	0	.	1	<a href="#">get it</a>
edito	2002-06-17	8	.	0	.	2	<a href="#">get it</a>

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## TS 04.04 Layer 1 - General Requirements

R99 *current version:* 8.1.2 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30	1999-11-11	8	.	0	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	1	.	0	<a href="#">get it</a>
ETSI publication	2001-09-07	8	.	1	.	1	<a href="#">get it</a>
edito	2002-06-17	8	.	1	.	2	<a href="#">get it</a>

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## TS 04.05 Data Link (DL) Layer General Aspects

R99 *current version:* 8.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-03-30	8	.	0	.	0	<a href="#">get it</a>
ETSI publication	2000-09-22	8	.	0	.	1	<a href="#">get it</a>
edito	2002-06-17	8	.	0	.	2	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 906

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R99 *current version:* 8.2.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-03-30	8 . 0 . 0	<a href="#">get it</a>
ETSI publication	2000-09-29	8 . 0 . 1	<a href="#">get it</a>
GP-03	2001-01-31	8 . 1 . 0	<a href="#">get it</a>
edito	2001-01-31	8 . 1 . 1	<a href="#">get it</a>
GP-08	2002-02-19	8 . 2 . 0	<a href="#">get it</a>
edito	2002-06-17	8 . 2 . 1	<a href="#">get it</a>

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## TS 04.08 Mobile radio interface layer 3 specification

R99 *current version:* 8.0.0 *WG (prime / other):* C1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* JURISIC, Andrijana

*remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:* #29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 R99 reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!

*history (event, available, version, comments, hyperlink):*

smg-29	2000-06-30	8 . 0 . 0	<a href="#">get it</a>
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## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R99 *current version:* 8.0.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* Replaces 24.012 R99.

*history (event, available, version, comments, hyperlink):*

GP-04	2001-04-24	8 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 907

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.13 Performance Requirements on Mobile Radio Interface

R99 *current version:* 8.0.1 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #31: 8.0.0

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0		<a href="#">get it</a>
ETSI publication	2000-08-29	8	.	0	.	1		<a href="#">get it</a>

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## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R99 *current version:* 8.6.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-03-30	8	.	0	.	0		<a href="#">get it</a>
smg-32	2000-06-20	8	.	1	.	0		<a href="#">get it</a>
GP-04	2001-04-24	8	.	2	.	0		<a href="#">get it</a>
GP-05	2001-06-18	8	.	3	.	0		<a href="#">get it</a>
GP-10	2002-07-19	8	.	4	.	0		<a href="#">get it</a>
GP-15	2003-07-10	8	.	5	.	0		<a href="#">get it</a>
GP-20	2004-07-23	8	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 908

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99 current version: 8.26.0

freeze\_meeting: SP-06

WG (prime / other): G2 / - rapporteur: HOWELL, Andrew

MOTOROLA Ltd

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 2 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 3 . 0	<a href="#">get it</a>
ETSI publication	2000-10-05	8 . 3 . 1	<a href="#">get it</a>
smg-31b	2000-04-17	8 . 4 . 0	<a href="#">get it</a>
ETSI publication	2000-10-17	8 . 4 . 1	<a href="#">get it</a>
smg-32	2000-06-20	8 . 5 . 0	<a href="#">get it</a>
GP-01	2000-10-11	8 . 6 . 0	<a href="#">get it</a>
GP-02	2000-12-21	8 . 7 . 0	<a href="#">get it</a>
GP-03	2001-01-31	8 . 8 . 0	<a href="#">get it</a>
GP-04	2001-05-04	8 . 9 . 0	<a href="#">get it</a>
GP-05	2001-06-18	8 . 10 . 0	<a href="#">get it</a>
GP-06	2001-09-10	8 . 11 . 0	<a href="#">get it</a>
GP-07	2002-01-08	8 . 12 . 0	<a href="#">get it</a>
GP-08	2002-02-19	8 . 13 . 0	<a href="#">get it</a>
GP-09	2002-05-02	8 . 14 . 0	<a href="#">get it</a>
GP-10	2002-07-19	8 . 15 . 0	<a href="#">get it</a>
GP-11	2002-09-16	8 . 16 . 0	<a href="#">get it</a>
GP-12	2002-12-17	8 . 17 . 0	<a href="#">get it</a>
GP-13	2003-02-21	8 . 18 . 0	<a href="#">get it</a>
GP-15	2003-07-10	8 . 19 . 0	<a href="#">get it</a>
GP-17	2003-12-05	8 . 20 . 0	<a href="#">get it</a>
GP-18	2004-02-23	8 . 21 . 0	<a href="#">get it</a>
GP-19	2004-05-06	8 . 22 . 0	<a href="#">get it</a>
GP-20	2004-07-23	8 . 23 . 0	<a href="#">get it</a>
GP-21	2004-09-04	8 . 24 . 0	<a href="#">get it</a>
GP-23	2005-02-11	8 . 25 . 0	<a href="#">get it</a>
GP-24	2005-04-21	8 . 26 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 909

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface**

R99      *current version:* 8.3.0      *WG (prime / other):* C3 / -      *rapporteur:* RÄSÄNEN, Juha      NOKIA Corporation  
*freeze\_meeting:* SP-06      *G: yes*      *U:*      *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T.      *remarks - this release:* #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
NP-08	2000-06-28	8	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-18	8	.	2	.	0	<a href="#">get it</a>
NP-10	2000-12-21	8	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 910

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.31 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)**  
R99 *current version:* 8.17.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-03-30	8	.	0	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	1	.	0	<a href="#">get it</a>
GP-02	2000-11-30	8	.	2	.	0	<a href="#">get it</a>
GP-03	2001-01-31	8	.	3	.	0	<a href="#">get it</a>
GP-04	2001-05-04	8	.	4	.	0	<a href="#">get it</a>
GP-05	2001-06-18	8	.	5	.	0	<a href="#">get it</a>
GP-06	2001-09-14	8	.	6	.	0	<a href="#">get it</a>
GP-07	2002-01-08	8	.	7	.	0	<a href="#">get it</a>
GP-08	2002-02-19	8	.	8	.	0	<a href="#">get it</a>
GP-09	2002-05-02	8	.	9	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	10	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	11	.	0	<a href="#">get it</a>
GP-18	2004-02-23	8	.	12	.	0	<a href="#">get it</a>
GP-19	2004-05-06	8	.	13	.	0	<a href="#">get it</a>
GP-20	2004-07-23	8	.	14	.	0	<a href="#">get it</a>
GP-21	2004-09-04	8	.	15	.	0	<a href="#">get it</a>
GP-22	2004-11-29	8	.	16	.	0	<a href="#">get it</a>
GP-23	2005-02-11	8	.	17	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 911

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.35 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods**

R99 *current version:* 8.4.1 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-03-30	8 . 0 . 0	<a href="#">get it</a>
smg-31b	2000-04-17	8 . 1 . 0	<a href="#">get it</a>
GP-01	2000-10-11	8 . 2 . 0	<a href="#">get it</a>
GP-03	2001-01-31	8 . 3 . 0	<a href="#">get it</a>
GP-07	2002-01-08	8 . 4 . 0	<a href="#">get it</a>
edito	2002-06-17	8 . 4 . 1	<a href="#">get it</a>

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**TS 04.56 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification**

R99 *current version:* 8.0.1 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #31: 8.0.0

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>
ETSI publication	2000-08-29	8 . 0 . 1	<a href="#">get it</a>

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**TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**

R99 *current version:* 8.0.1 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #31: 8.0.0

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>
ETSI publication	2000-08-29	8 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 912

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol**

R99 *current version:* 8.26.0

*WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

*freeze\_meeting:* SP-06

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>	
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>	
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>	
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>	
ETSI publication	2000-10-05	8	.	3	.	1	<a href="#">get it</a>	
smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>	
ETSI publication	2000-10-17	8	.	4	.	1	<a href="#">get it</a>	
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>	
GP-01	2000-10-11	8	.	6	.	0	<a href="#">get it</a>	
GP-02	2000-11-27	8	.	7	.	0	<a href="#">get it</a>	
GP-03	2001-01-31	8	.	8	.	0	<a href="#">get it</a>	
GP-04	2001-05-04	8	.	9	.	0	<a href="#">get it</a>	
GP-05	2001-06-29	8	.	10	.	0	<a href="#">get it</a>	
GP-06	2001-09-14	8	.	11	.	0	<a href="#">get it</a>	
GP-07	2002-01-07	8	.	12	.	0	<a href="#">get it</a>	
edito	2002-01-08	8	.	12	.	1	<a href="#">get it</a>	
GP-08	2002-02-19	8	.	13	.	0	<a href="#">get it</a>	
GP-09	2002-05-03	8	.	14	.	0	<a href="#">get it</a>	
edito post	GP-09	2002-05-28	8	.	14	.	1	<a href="#">get it</a>
GP-10	2002-07-19	8	.	15	.	0	<a href="#">get it</a>	
GP-11	2002-09-16	8	.	16	.	0	<a href="#">get it</a>	
GP-12	2002-12-17	8	.	17	.	0	<a href="#">get it</a>	
GP-14	2003-04-25	8	.	18	.	0	<a href="#">get it</a>	
GP-15	2003-07-10	8	.	19	.	0	<a href="#">get it</a>	
GP-16	2003-09-13	8	.	20	.	0	<a href="#">get it</a>	
GP-17	2003-12-05	8	.	21	.	0	<a href="#">get it</a>	
GP-18	2004-02-23	8	.	22	.	0	<a href="#">get it</a>	
GP-19	2004-05-06	8	.	23	.	0	<a href="#">get it</a>	
GP-20	2004-07-23	8	.	24	.	0	<a href="#">get it</a>	
GP-21	2004-09-04	8	.	25	.	0	<a href="#">get it</a>	
GP-23	2005-02-11	8	.	26	.	0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 913

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS- SGSN) Logical Link Control (LLC) layer specification**

R99 *current version:* 8.7.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
Post SP-06	1999-12-17	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>
NP-08	2000-06-22	8	.	4	.	0	<a href="#">get it</a>
NP-09	2000-10-12	8	.	5	.	0	<a href="#">get it</a>
NP-10	2001-01-02	8	.	6	.	0	<a href="#">get it</a>
NP-14	2002-01-04	8	.	7	.	0	<a href="#">get it</a>

---

**TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)**

R99 *current version:* 8.2.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only. CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
NP-09	2000-10-12	8	.	1	.	0	<a href="#">get it</a>
NP-13	2001-10-02	8	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 914

31 May 2005 21:14:31

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.68 Group Call Control (GCC) Protocol

R99 *current version:* 8.1.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-17	8	.	1	.	0	<a href="#">get it</a>

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## TS 04.69 Broadcast Call Control (BCC) protocol

R99 *current version:* 8.1.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-17	8	.	1	.	0	<a href="#">get it</a>

---

## TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99 *current version:* 8.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*remarks - general:* Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-31	2000-03-20	8	.	1	.	0	<a href="#">get it</a>
GP-05	2001-06-18	8	.	2	.	0	<a href="#">get it</a>
GP-07	2002-01-08	8	.	3	.	0	<a href="#">get it</a>
edito	2002-06-17	8	.	3	.	1	<a href="#">get it</a>
GP-10	2002-07-19	8	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 915

31 May 2005 21:14:32

ACTIVE specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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R99 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.01 Physical Layer on the Radio Path (General Description)**

R99 current version: 8.9.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 2 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 3 . 0	<a href="#">get it</a>
smg-32	2000-06-20	8 . 4 . 0	<a href="#">get it</a>
GP-01	2000-10-09	8 . 5 . 0	<a href="#">get it</a>
GP-07	2002-01-04	8 . 6 . 0	<a href="#">get it</a>
GP-14	2003-04-25	8 . 7 . 0	<a href="#">get it</a>
GP-17	2003-12-05	8 . 8 . 0	<a href="#">get it</a>
GP-22	2004-12-02	8 . 9 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 916

31 May 2005 21:14:32

ACTIVE specs R99 05 .- series  
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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.11.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist  
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	1	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>
ETSI publication	2000-10-24	8	.	4	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>
ETSI publication	2003-08-22	8	.	5	.	1	<a href="#">get it</a>
GP-01	2000-10-09	8	.	6	.	0	<a href="#">get it</a>
GP-02	2000-11-24	8	.	7	.	0	<a href="#">get it</a>
GP-03	2001-02-15	8	.	8	.	0	<a href="#">get it</a>
GP-04	2001-04-20	8	.	9	.	0	<a href="#">get it</a>
GP-06	2001-10-01	8	.	10	.	0	<a href="#">get it</a>
GP-15	2003-07-11	8	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 917

31 May 2005 21:14:32

ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.03 Channel coding

R99 *current version:* 8.9.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 2 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 3 . 0	<a href="#">get it</a>
smg-31b	2000-04-17	8 . 4 . 0	<a href="#">get it</a>
ETSI publication	2000-10-17	8 . 4 . 1	<a href="#">get it</a>
smg-32	2000-06-20	8 . 5 . 0	<a href="#">get it</a>
ETSI publication	2003-08-22	8 . 5 . 1	<a href="#">get it</a>
GP-02	2000-11-24	8 . 6 . 0	<a href="#">get it</a>
edito	2001-02-15	8 . 6 . 1	<a href="#">get it</a>
GP-14	2003-04-25	8 . 7 . 0	<a href="#">get it</a>
GP-22	2004-12-02	8 . 8 . 0	<a href="#">get it</a>
GP-23	2005-02-11	8 . 9 . 0	<a href="#">get it</a>

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## TS 05.04 Modulation

R99 *current version:* 8.4.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	8 . 0 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 1 . 0	<a href="#">get it</a>
edito	2000-12-02	8 . 1 . 1	<a href="#">get it</a>
ETSI publication	2001-02-21	8 . 1 . 2	<a href="#">get it</a>
GP-03	2001-02-15	8 . 2 . 0	<a href="#">get it</a>
GP-05	2001-06-29	8 . 3 . 0	<a href="#">get it</a>
GP-07	2002-01-04	8 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 918

31 May 2005 21:14:32

ACTIVE specs R99 05 .- series  
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## TS 05.05 Radio Transmission and Reception

R99 current version: 8.18.0

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-09-29	8	.	3	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>
ETSI publication	2003-08-22	8	.	4	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>
ETSI publication	2003-08-22	8	.	5	.	1	<a href="#">get it</a>
GP-01	2000-10-10	8	.	6	.	0	<a href="#">get it</a>
GP-02	2000-11-24	8	.	7	.	0	<a href="#">get it</a>
edito	2000-11-30	8	.	7	.	1	<a href="#">get it</a>
GP-03	2001-02-15	8	.	8	.	0	<a href="#">get it</a>
GP-04	2001-04-20	8	.	9	.	0	<a href="#">get it</a>
GP-05	2001-06-29	8	.	10	.	0	<a href="#">get it</a>
GP-06	2001-10-01	8	.	11	.	0	<a href="#">get it</a>
GP-09	2002-05-06	8	.	12	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	13	.	0	<a href="#">get it</a>
GP-11	2002-09-19	8	.	14	.	0	<a href="#">get it</a>
GP-14	2003-04-25	8	.	15	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	16	.	0	<a href="#">get it</a>
GP-22	2004-12-02	8	.	17	.	0	<a href="#">get it</a>
GP-24	2005-04-22	8	.	18	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 919

31 May 2005 21:14:32

ACTIVE specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.08 Radio subsystem link control

R99 current version: 8.22.0

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>
GP-01	2000-10-10	8	.	6	.	0	<a href="#">get it</a>
GP-02	2000-11-24	8	.	7	.	0	<a href="#">get it</a>
edito	2000-11-30	8	.	7	.	1	<a href="#">get it</a>
GP-03	2001-02-15	8	.	8	.	0	<a href="#">get it</a>
GP-04	2001-04-20	8	.	9	.	0	<a href="#">get it</a>
GP-05	2001-06-29	8	.	10	.	0	<a href="#">get it</a>
GP-06	2001-10-01	8	.	11	.	0	<a href="#">get it</a>
GP-07	2002-01-04	8	.	12	.	0	<a href="#">get it</a>
GP-08	2002-02-19	8	.	13	.	0	<a href="#">get it</a>
GP-09	2002-05-06	8	.	14	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	15	.	0	<a href="#">get it</a>
GP-14	2003-04-25	8	.	16	.	0	<a href="#">get it</a>
GP-15	2003-07-11	8	.	17	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	18	.	0	<a href="#">get it</a>
GP-17	2003-12-05	8	.	19	.	0	<a href="#">get it</a>
GP-20	2004-07-09	8	.	20	.	0	<a href="#">get it</a>
GP-21	2004-09-20	8	.	21	.	0	<a href="#">get it</a>
GP-22	2004-12-02	8	.	22	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 920

31 May 2005 21:14:32

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**TS 05.09 Link adaptation**

R99 *current version:* 8.5.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
ETSI publication	2000-10-05	8	.	0	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	1	.	0	<a href="#">get it</a>
GP-02	2000-11-24	8	.	2	.	0	<a href="#">get it</a>
GP-03	2001-01-15	8	.	3	.	0	<a href="#">get it</a>
GP-06	2001-10-01	8	.	4	.	0	<a href="#">get it</a>
GP-07	2002-01-04	8	.	5	.	0	<a href="#">get it</a>

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Page 921

31 May 2005 21:14:32

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## TS 05.10 Radio subsystem synchronization

R99 current version: 8.12.0

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-30	1999-11-11	8	.	0	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	1	.	0	<a href="#">get it</a>
smg-31	1999-02-16	8	.	2	.	0	<a href="#">get it</a>
ETSI publication	2000-09-29	8	.	2	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	3	.	0	<a href="#">get it</a>
smg-32	2000-06-20	8	.	4	.	0	<a href="#">get it</a>
GP-01	2000-10-10	8	.	5	.	0	<a href="#">get it</a>
GP-02	2000-11-24	8	.	6	.	0	<a href="#">get it</a>
edito	2000-11-30	8	.	6	.	1	<a href="#">get it</a>
GP-03	2001-02-15	8	.	7	.	0	<a href="#">get it</a>
GP-04	2001-04-20	8	.	8	.	0	<a href="#">get it</a>
GP-08	2002-02-19	8	.	9	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	10	.	0	<a href="#">get it</a>
GP-13	2003-02-21	8	.	11	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	12	.	0	<a href="#">get it</a>

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## TS 05.15 Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines

R99 current version: 8.0.0

freeze\_meeting: GP-22

WG (prime / other): G1 / - rapporteur: ESCULIER, Carole

NORTEL NETWORKS (EUROPE)

G: yes U: MCC: USAI, Paolino

remarks - general: Actually a back formation from 45.015 record.

remarks - this release:

history (event, available, version, comments, hyperlink):

GP-22	2004-11-30	2	.	0	.	0	GP-042852	<a href="#">get it</a>
GP-22	2004-12-02	8	.	0	.	0		<a href="#">get it</a>

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Page 922

31 May 2005 21:14:32

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## TR 05.22 Radio link management in hierarchical networks

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-03-30 8 . 0 . 0

[get it](#)

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## TR 05.50 Background for RF Requirements

R99 *current version:* 8.2.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter Skov QUALCOMM EUROPE S.A.R.L.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #30: 8.0.0 #31:8.1.0 #31b:8.2.0

*history (event, available, version, comments, hyperlink):*

smg-30 1999-11-11 8 . 0 . 0

[get it](#)

smg-31 2000-02-16 8 . 1 . 0

[get it](#)

smg-31b 2000-04-17 8 . 2 . 0

[get it](#)

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## TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0

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ETSI Publication 2000-10-17 8 . 0 . 1

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Page 923

31 May 2005 21:14:32

ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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R99 **06** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.01 Full Rate Speech Processing Functions**

R99 current version: 8.0.1  
freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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**TS 06.02 Half Rate Speech Processing Functions**

R99 current version: 8.0.0  
freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0

[get it](#)

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**TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec**

R99 current version: 8.0.1  
freeze\_meeting: SP-06

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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Page 924

31 May 2005 21:14:32

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**TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAKE, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#)

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**TS 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec**

R99 *current version:* 8.2.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)

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**TS 06.10 Full Rate Speech Transcoding**

R99 *current version:* 8.2.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
Editorial 2000-05-31 8 . 0 . 1 [get it](#)  
smg-32 2000-06-20 8 . 1 . 0 [get it](#)  
ETSI Publication 2000-11-30 8 . 1 . 1 [get it](#)  
SP-12 2001-06-29 8 . 2 . 0 [get it](#)

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Page 925

31 May 2005 21:14:32

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Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#)

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R99 *current version:* 8.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#)  
SP-12 2001-06-29 8 . 1 . 0 [get it](#)

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## TS 06.20 Half Rate Speech Transcoding

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
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Page 926

31 May 2005 21:14:33

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**TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
ETSI publicatoin 2000-11-15 8 . 0 . 1 [get it](#)

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**TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#)

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**TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 927

31 May 2005 21:14:33

ACTIVE specs R99 06 .- series  
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**TS 06.32 Voice Activity Detection (VAD)**  
R99 *current version:* 8.0.1 *freeze\_meeting:* SP-06  
*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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**TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels**  
R99 *current version:* 8.0.1 *freeze\_meeting:* SP-06  
*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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**TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels**  
R99 *current version:* 8.0.1 *freeze\_meeting:* SP-06  
*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

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Page 928

31 May 2005 21:14:33

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**TS 06.51 GSM Enhanced full rate speech processing functions: General description**

R99 *current version:* 8.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #32:8.1.0 TSG#10:8.2.0

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
ETSI publication	2000-11-15	8	.	0	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	1	.	0	<a href="#">get it</a>
ETSI publication	2000-11-30	8	.	1	.	1	<a href="#">get it</a>
SP-10	2000-12-20	8	.	2	.	0	<a href="#">get it</a>

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**TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
ETSI Publication	2000-11-15	8	.	0	.	1	<a href="#">get it</a>

---

**TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)**

R99 *current version:* 8.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
ETSI publication	2000-11-15	8	.	0	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	1	.	0	<a href="#">get it</a>
SP-10	2000-12-20	8	.	2	.	0	<a href="#">get it</a>

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Page 929

31 May 2005 21:14:33

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## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek  
*G: yes U:* *MCC:* USAI, Paolino

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0

[get it](#)

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## TS 06.60 Enhanced full rate speech transcoding

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0

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ETSI Publication 2000-11-15 8 . 0 . 1

[get it](#)

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## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0

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ETSI Publication 2000-11-15 8 . 0 . 1

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Page 930

31 May 2005 21:14:33

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**TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#)

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**TR 06.76 Adaptive Multi-Rate (AMR) speech codec; Study phase report**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* New at SMG#31. Then became 06.77; new 06.76 has new title.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07 2 . 0 . 0  
SP-07 2000-03-17 8 . 0 . 0 [get it](#)  
fix invisible figures 2002-01-10 8 . 0 . 1 [get it](#)

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**TS 06.77 Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder**

R99 *current version:* 8.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #32:8.0.0 TSG#11:8.1.0

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 8 . 0 . 0 [get it](#)  
SP-11 2001-04-10 8 . 1 . 0 [get it](#)  
edito 2001-05-03 8 . 1 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 931

31 May 2005 21:14:33

ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TR 06.78 Results of the AMR noise suppression selection phase

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 8 . 0 . 0  
Addition of VAF C- 2003-04-04 8 . 0 . 1  
Code tool

[get it](#)

[get it](#)

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## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

[get it](#)

[get it](#)

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## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0  
ETSI Publication 2000-11-15 8 . 0 . 1

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 932

31 May 2005 21:14:33

ACTIVE specs R99 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**

R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.

*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0

[get it](#)

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R99

08 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**

R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0

draft 2002-06-17 8 . 0 . 1

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 933

31 May 2005 21:14:33

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
edito 2002-06-17 8 . 0 . 1 [get it](#)

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
edito 2002-06-17 8 . 0 . 1 [get it](#)

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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
edito 2002-06-17 8 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 934

31 May 2005 21:14:33

ACTIVE specs R99 08 .- series  
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## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R99 *current version:* 8.15.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>
Fix graphics	2000-05-16	8	.	4	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>
GP-01	2000-10-11	8	.	6	.	0	<a href="#">get it</a>
GP-02	2000-11-27	8	.	7	.	0	<a href="#">get it</a>
GP-03	2001-01-31	8	.	8	.	0	<a href="#">get it</a>
GP-04	2001-05-04	8	.	9	.	0	<a href="#">get it</a>
GP-06	2001-09-14	8	.	10	.	0	<a href="#">get it</a>
GP-07	2002-01-08	8	.	11	.	0	<a href="#">get it</a>
GP-08	2002-02-19	8	.	12	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	13	.	0	<a href="#">get it</a>
GP-15	2003-07-10	8	.	14	.	0	<a href="#">get it</a>
GP-16	2003-09-12	8	.	15	.	0	<a href="#">get it</a>

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## TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
edito	2002-06-17	8	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 935

31 May 2005 21:14:33

ACTIVE specs R99 08 .- series  
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**TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
edito	2002-06-17	8	.	0	.	1	<a href="#">get it</a>

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**TS 08.18 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**  
R99 *current version:* 8.12.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* SP-06  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30	1999-11-11	8	.	0	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	1	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	2	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	3	.	0	<a href="#">get it</a>
GP-01	2000-10-11	8	.	4	.	0	<a href="#">get it</a>
GP-02	2000-11-30	8	.	5	.	0	<a href="#">get it</a>
edito	2001-01-23	8	.	5	.	1	<a href="#">get it</a>
GP-03	2001-01-31	8	.	6	.	0	<a href="#">get it</a>
GP-04	2001-05-04	8	.	7	.	0	<a href="#">get it</a>
GP-05	2001-06-18	8	.	8	.	0	<a href="#">get it</a>
GP-06	2001-10-05	8	.	9	.	0	<a href="#">get it</a>
GP-09	2002-05-06	8	.	10	.	0	<a href="#">get it</a>
GP-18	2004-02-23	8	.	11	.	0	<a href="#">get it</a>
GP-19	2004-05-06	8	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 936

31 May 2005 21:14:33

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**TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**

R99 *current version:* 8.4.1 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
NP-09	2000-10-18	8 . 2 . 0	<a href="#">get it</a>
NP-10	2000-12-21	8 . 3 . 0	<a href="#">get it</a>
NP-11	2001-04-04	8 . 4 . 0	<a href="#">get it</a>
ETSI-format publication		8 . 4 . 1	ETSI publication only - 3GPP to use 8.4.0

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**TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification**

R99 *current version:* 8.1.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter Skov QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-05-11	8 . 0 . 0	<a href="#">get it</a>
GP-05	2001-06-18	8 . 1 . 0	<a href="#">get it</a>
edito	2002-06-17	8 . 1 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 937

31 May 2005 21:14:33

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* Skov THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>
edito	2002-06-17	8 . 0 . 1	<a href="#">get it</a>

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**TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* Skov THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>
edito	2002-06-17	8 . 0 . 1	<a href="#">get it</a>

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**TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* Skov THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>
edito	2002-06-17	8 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 938

31 May 2005 21:14:33

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.56 BSC-BTS Layer 2; Specification**

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	
edito	2002-06-17	8	.	0	.	1	

[get it](#)

[get it](#)

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**TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

R99 *current version:* 8.6.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0 GERAN#2:8.6.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	
smg-30	1999-11-11	8	.	1	.	0	
smg-30	1999-11-11	8	.	2	.	0	
smg-31	2000-02-16	8	.	3	.	0	
smg-31b	2000-04-17	8	.	4	.	0	
GP-01	2000-10-11	8	.	5	.	0	
GP-02	2000-11-30	8	.	6	.	0	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 939

31 May 2005 21:14:33

ACTIVE specs R99 08 .- series  
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**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R99 *current version:* 8.2.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 Skov  
G: yes U: MCC: USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-30	1999-11-11	8 . 0 . 1	<a href="#">get it</a>
smg-30b	1999-12-06	8 . 1 . 0	<a href="#">get it</a>
ETSI publication	2001-10-30	8 . 1 . 1	<a href="#">get it</a>
GP-08	2002-02-19	8 . 2 . 0	<a href="#">get it</a>
replace corrupted figure 2.1	2003-01-24	8 . 2 . 1	<a href="#">get it</a>

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**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R99 *current version:* 8.1.0 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 Skov  
G: yes U: MCC: USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8 . 0 . 0	<a href="#">get it</a>
ETSI Publication	2000-11-15	8 . 0 . 1	<a href="#">get it</a>
GP-08	2002-02-19	8 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 940

31 May 2005 21:14:34

ACTIVE specs R99 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.62 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3**

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	8	.	0	.	0	<a href="#">get it</a>
edito	2000-08-08	8	.	0	.	1	<a href="#">get it</a>

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**TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3**

R99 *current version:* 8.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	1	.	0	<a href="#">get it</a>
GP-02	2000-11-30	8	.	2	.	0	<a href="#">get it</a>
GP-06	2001-09-14	8	.	3	.	0	<a href="#">get it</a>
GP-07	2002-01-08	8	.	4	.	0	<a href="#">get it</a>
GP-08	2002-03-26	8	.	5	.	0	<a href="#">get it</a>

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R99

09 .- series

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# 3GPP specification status

Page 941

31 May 2005 21:14:34

ACTIVE specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.01 General Network Interworking Scenarios

R99 *current version:* 8.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-07 2000-03-15 8 . 0 . 0 [get it](#)

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## TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 *current version:* 8.2.0 *WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #31: 8.0.0 TSG#10:8.1.0

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
NP-10 2001-01-02 8 . 1 . 0 [get it](#)  
NP-19 2003-03-24 8 . 2 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 942

31 May 2005 21:14:34

ACTIVE specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**

R99 *current version:* 8.7.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	1	.	0	<a href="#">get it</a>
smg-32	2000-06-20	8	.	2	.	0	<a href="#">get it</a>
GP-01	2000-09-01	8	.	3	.	0	<a href="#">get it</a>
GP-06	2001-09-14	8	.	4	.	0	<a href="#">get it</a>
GP-07	2002-01-08	8	.	5	.	0	<a href="#">get it</a>
GP-10	2002-07-19	8	.	6	.	0	<a href="#">get it</a>
GP-19	2004-05-06	8	.	7	.	0	<a href="#">get it</a>
post GP-19 editorial	2004-05-18	8	.	7	.	1	<a href="#">get it</a>

remove rev marks

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**TR 09.95 General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles**

R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-24  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

GP-24	2005-04-22	8	.	0	.	0	based on v7.3.0 plus CR	<a href="#">get it</a>
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R99

10 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 943

31 May 2005 21:14:34

ACTIVE specs R99 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1**

R99 *current version:* 8.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 2000-02-09 8 . 0 . 0 [get it](#)

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**TR 10.59 Project scheduling and open issues for EDGE**

R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* USAI, Paulino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg2b-07 1 . 8 . 0 2b99-009  
smg3a- 1 . 9 . 0 2p99-099  
smg4 1 . 10 . 0 7e99-004  
smg2edge-07 1 . 11 . 0 2e99-003  
draft 2000-01-05 1 . 20 . 0 [get it](#)  
draft 2000-04-01 1 . 22 . 0 [get it](#)  
draft 2000-05-25 1 . 23 . 0 [get it](#)  
smg-32 2000-06-20 8 . 0 . 0 [get it](#)

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R99 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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# 3GPP specification status

Page 944

31 May 2005 21:14:34

ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

R99 *current version:* 8.3.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 NP /  
T2 /  
SCP

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

*remarks - this release:* #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and reclosed!

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	8	.	0	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	1	.	0	<a href="#">get it</a>
ETSI publication	2000-10-30	8	.	1	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	2	.	0	<a href="#">get it</a>
GP-06	2001-09-14	8	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 945

31 May 2005 21:14:34

ACTIVE specs R99 11 .- series  
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**TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification**

R99 *current version:* 8.11.0 *WG (prime / other):* C6 / G2, *rapporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* SP-06 G3new

*G:* yes *U:* *MCC:* LENHART, Gabriele

*remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.

*history (event, available, version, comments, hyperlink):*

auto upgrade to R99 from previous rel	8 . 0 . 0	never actually done	
TP-14	0 . 0 . 1	TP-010250	
T3-23	1 . 0 . 0	T3-020405	
TP-17	2 . 0 . 0	TP-020221 = new draft, not derived by CR from previous version (8.0.0). This version NOT approved, due to unorthodox history of its creation.	
GP-12	2002-12-20	8 . 1 . 0	Created correctly by a CR to previous version. <a href="#">get it</a>
GP-13	2003-02-21	8 . 2 . 0	<a href="#">get it</a>
GP-14	2003-04-25	8 . 3 . 0	<a href="#">get it</a>
TP-20	2003-07-01	8 . 4 . 0	late availability due to aesthetics check <a href="#">get it</a>
TP-21	2003-09-30	8 . 5 . 0	<a href="#">get it</a>
TP-22	2004-01-12	8 . 6 . 0	<a href="#">get it</a>
TP-23	2004-03-25	8 . 7 . 0	<a href="#">get it</a>
TP-24	2004-06-24	8 . 8 . 0	<a href="#">get it</a>
TP-25	2004-09-27	8 . 9 . 0	<a href="#">get it</a>
TP-26	2005-01-05	8 . 10 . 0	<a href="#">get it</a>
TP-27	2005-03-24	8 . 11 . 0	<a href="#">get it</a>

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# 3GPP specification status

Page 946

31 May 2005 21:14:34

ACTIVE specs R99 11 .- series  
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## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.12.0 *WG (prime / other):* C6 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0	<a href="#">get it</a>
smg-31	2000-02-16	8 . 2 . 0	<a href="#">get it</a>
smg-32	2000-06-20	8 . 3 . 0	<a href="#">get it</a>
TP-09	2000-10-18	8 . 4 . 0	<a href="#">get it</a>
TP-11	2001-04-09	8 . 5 . 0	<a href="#">get it</a>
TP-14	2002-01-17	8 . 6 . 0	<a href="#">get it</a>
TP-16	2002-06-25	8 . 7 . 0	<a href="#">get it</a>
TP-17	2002-09-18	8 . 8 . 0	<a href="#">get it</a>
TP-18	2003-01-02	8 . 9 . 0	<a href="#">get it</a>
Removal of comments in clause 11	2003-06-23	8 . 9 . 1	<a href="#">get it</a>
TP-21	2003-09-30	8 . 10 . 0	<a href="#">get it</a>
TP-22	2004-01-12	8 . 11 . 0	<a href="#">get it</a>
TP-23	2004-03-25	8 . 12 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 947

31 May 2005 21:14:34

ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card**

R99 *current version:* 8.3.0 *WG (prime / other):* C6 / - *rapporteur:* BEGASSAT, Christophe Axalto S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.

*history (event, available, version, comments, hyperlink):*

TP-17	2002-09-18	8 . 0 . 0	== v7.4.2	<a href="#">get it</a>
TP-18	2003-01-02	8 . 1 . 0		<a href="#">get it</a>
TP-19	2003-03-26	8 . 2 . 0		<a href="#">get it</a>
replace Annex E with correct file	2003-04-16	8 . 2 . 1		<a href="#">get it</a>
TP-26	2005-01-03	8 . 3 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 948

31 May 2005 21:14:34

ACTIVE specs R99 11 .- series  
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## TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

R99 *current version:* 8.17.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* TP-06 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TP-11 to be :withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8 . 0 . 0		<a href="#">get it</a>
smg-30	1999-11-11	8 . 1 . 0		<a href="#">get it</a>
smg-31	2000-02-16	8 . 2 . 0		<a href="#">get it</a>
Correction of CR implementation	2000-05-31	8 . 2 . 1		<a href="#">get it</a>
smg-32	2000-06-20	8 . 3 . 0		<a href="#">get it</a>
TP-09	2000-10-18	8 . 4 . 0		<a href="#">get it</a>
TP-10	2001-01-05	8 . 5 . 0		<a href="#">get it</a>
TP-11	2001-04-09	8 . 6 . 0	To be withdrawn at TSG#12, subsumed in 31.111	<a href="#">get it</a>
TP-12	2001-07-06	8 . 7 . 0	Unwithdrawn!	<a href="#">get it</a>
TP-13	2001-10-12	8 . 8 . 0		<a href="#">get it</a>
TP-14	2002-01-16	8 . 9 . 0		<a href="#">get it</a>
TP-15	2002-03-28	8 . 10 . 0		<a href="#">get it</a>
TP-16	2002-06-25	8 . 11 . 0		<a href="#">get it</a>
TP-18	2003-01-02	8 . 12 . 0		<a href="#">get it</a>
TP-19	2003-03-26	8 . 13 . 0		<a href="#">get it</a>
TP-20	2003-06-23	8 . 14 . 0		<a href="#">get it</a>
TP-22	2004-01-12	8 . 15 . 0		<a href="#">get it</a>
TP-23	2004-03-25	8 . 16 . 0		<a href="#">get it</a>
TP-25	2004-09-23	8 . 17 . 0		<a href="#">get it</a>

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# 3GPP specification status

Page 949

31 May 2005 21:14:34

ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.17 Subscriber Identity Module (SIM) test specification

R99 *current version:* 8.1.0 *WG (prime / other):* C6 / - *rapporteur:* SANDSCHNEIDER, Hajo Orga Test Systems Gmbh  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* May 00: R99 not anticipated. TP-18: R99 created.

### *history (event, available, version, comments, hyperlink):*

TP-18	2003-01-02	8	.	0	.	0	Technically identical to v7.0.2	<a href="#">get it</a>
TP-19	2003-03-27	8	.	1	.	0		<a href="#">get it</a>

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## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R99 *current version:* 8.9.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-30b	1999-12-06	8	.	0	.	0		<a href="#">get it</a>
smg-31	2000-02-16	8	.	1	.	0		<a href="#">get it</a>
ETSI publication	2003-08-22	8	.	1	.	1		<a href="#">get it</a>
smg-31b	2000-04-17	8	.	2	.	0		<a href="#">get it</a>
smg-32	2000-06-20	8	.	3	.	0		<a href="#">get it</a>
GP-01	2000-09-01	8	.	4	.	0		<a href="#">get it</a>
GP-02	2000-11-24	8	.	5	.	0		<a href="#">get it</a>
GP-04	2001-04-18	8	.	6	.	0		<a href="#">get it</a>
GP-12	2003-01-03	8	.	7	.	0		<a href="#">get it</a>
GP-13	2003-02-21	8	.	8	.	0		<a href="#">get it</a>
GP-15	2003-07-11	8	.	9	.	0		<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 950

31 May 2005 21:14:34

ACTIVE specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters**

R99 *current version:* 8.0.2 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31b	2000-04-17	8 . 0 . 0	based on 5.2.1	<a href="#">get it</a>
start of OAP	2000-05-24	8 . 0 . 1		<a href="#">get it</a>
ETSI publication	2000-10-10	8 . 0 . 2		<a href="#">get it</a>

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R99

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.03 Security Management**

R99 *current version:* 8.0.0 *WG (prime / other):* S5 / S1 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99	2000-04-19	8 . 0 . 0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 951

31 May 2005 21:14:34

ACTIVE specs R99 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.04 Performance data measurements**

R99 *current version:* 8.1.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S5 / S1 / NP

*rapporteur:*

TOCHE, Christian

NORTEL NETWORKS (EUROPE)

*G:* yes *U:*

*MCC:*

ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-04-19 8 . 0 . 0  
SP-16 2002-06-28 8 . 1 . 0

[get it](#)

[get it](#)

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**TS 12.21 Network Management (NM) procedures and messages on the A-bis interface**

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* G1 / S5

*rapporteur:* TRUSS, Michael

MOTOROLA Ltd

*G:* yes *U:*

*MCC:* USAI, Paolino

*remarks - general:* SP-13: S5->G3 but no change of rapporteur.

*remarks - this release:* GP-09 (Usai) created to fill the Release gap.

*history (event, available, version, comments, hyperlink):*

GP-09 2002-05-06 8 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 952

31 May 2005 21:14:34

ACTIVE specs R99 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.71 Location Services (LCS); Location services management**

R99 *current version:* 8.0.1

*freeze\_meeting:* SP-06

*WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#11:S5 will no longer maintain.

*remarks - this release:* TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

*history (event, available, version, comments, hyperlink):*

draft	1999-09-22	0	.	0	.	1	<a href="#">get it</a>
draft	1999-10-18	0	.	0	.	2	<a href="#">get it</a>
draft	1999-12-03	0	.	0	.	3	<a href="#">get it</a>
draft	1999-12-22	0	.	0	.	4	<a href="#">get it</a>
draft	2000-01-17	0	.	0	.	5	<a href="#">get it</a>
draft	2000-05-22	2	.	0	.	0	<a href="#">get it</a>
draft	2000-05-25	2	.	0	.	1	<a href="#">get it</a>
SP-08	2000-06-21	7	.	0	.	0	<a href="#">get it</a>
SP-08	2000-06-21	8	.	0	.	0	<a href="#">get it</a>
ETSI Publication	2000-11-30	8	.	0	.	1	<a href="#">get it</a>

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R99

21 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 953

31 May 2005 21:14:34

ACTIVE specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system

R99 *current version:* 3.15.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications". *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0		<a href="#">get it</a>
SP-06	1999-12-17	2	.	0	.	0		<a href="#">get it</a>
corrections		2	.	2	.	0	post SP-06	
SP-07		2	.	3	.	0	SP-000037	
SP-07		2	.	4	.	0	SP-000104	
SP-07		2	.	5	.	0		
SP-07	2000-03-17	3	.	0	.	0		<a href="#">get it</a>
editorial	2000-03-30	3	.	0	.	1		<a href="#">get it</a>
post-SP-08	2000-06-28	3	.	1	.	0		<a href="#">get it</a>
SP-10	2001-01-04	3	.	2	.	0		<a href="#">get it</a>
SP-11	2001-04-11	3	.	3	.	0		<a href="#">get it</a>
SP-12	2001-07-05	3	.	4	.	0		<a href="#">get it</a>
SP-13	2001-10-01	3	.	5	.	0		<a href="#">get it</a>
SP-14	2002-01-03	3	.	6	.	0		<a href="#">get it</a>
SP-15	2002-03-27	3	.	7	.	0		<a href="#">get it</a>
SP-16	2002-06-19	3	.	8	.	0		<a href="#">get it</a>
SP-17	2002-09-18	3	.	9	.	0		<a href="#">get it</a>
SP-18	2003-01-03	3	.	10	.	0		<a href="#">get it</a>
SP-19	2003-03-27	3	.	11	.	0		<a href="#">get it</a>
SP-20	2003-06-25	3	.	12	.	0		<a href="#">get it</a>
SP-23	2004-04-02	3	.	13	.	0		<a href="#">get it</a>
SP-26	2005-01-04	3	.	14	.	0		<a href="#">get it</a>
SP-27	2005-03-22	3	.	15	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 954

31 May 2005 21:14:35

ACTIVE specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.111 USIM and IC card requirements

R99 current version: 3.4.0

freeze\_meeting: SP-03

WG (prime / other): C6 / - rapporteur: KALINER, Stefan T-Mobile International AG

G: U: yes MCC: LENHART, Gabriele

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	1998-10-16	0	.	0	.	1	<a href="#">get it</a>
Transfer from smg9 to T3	1999-03-04	1	.	1	.	0	<a href="#">get it</a>
T3	1999-04-21	2	.	0	.	0	<a href="#">get it</a>
TP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
TP-06	1999-12-17	3	.	0	.	1	<a href="#">get it</a>
TP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
TP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
TP-09	2000-10-18	3	.	3	.	0	<a href="#">get it</a>
TP-17	2002-09-18	3	.	4	.	0	<a href="#">get it</a>

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## TS 21.133 3G security; Security threats and requirements

R99 current version: 3.2.0

freeze\_meeting: SP-03

WG (prime / other): S3 / - rapporteur: CHRISTOFFERSSON, PerTeliaSonera AB

G: U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	1998-08-20	0	.	0	.	1	<a href="#">get it</a>
draft	1998-10-20	1	.	0	.	0	<a href="#">get it</a>
WG approval	1998-12-20	2	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-07	3	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 955

31 May 2005 21:14:35

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**TR 21.801 Specification drafting rules**

R99 *current version:* 3.0.0

*freeze\_meeting:* SP-23

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

*G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* Created from Rel-5 at SP-23. Previous Releases were originally covered by ETSI drafting rules. No intention to propagate "21.801" further back than R99.

*history (event, available, version, comments, hyperlink):*

SP-23 2004-04-02 3 . 0 . 0

[get it](#)

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**TR 21.900 Technical Specification Group working methods**

R99 *current version:* 3.7.0

*freeze\_meeting:* SP-03

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

*G:* yes *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* SP-22: Fron now on, is null document pointing to equivalent in latest Release.

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0

SP-04 1999-06-23 3 . 1 . 0

SP-05 1999-10-13 3 . 2 . 0

SP-08 2000-06-28 3 . 3 . 0

SP-09 2000-10-04 3 . 4 . 0

SP-10 2001-01-04 3 . 5 . 0

SP-11 2001-04-11 3 . 6 . 0

SP-22 2004-01-14 3 . 7 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 956

31 May 2005 21:14:35

ACTIVE specs R99 21 .- series  
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## TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
TP-04	1999-06-18	0	.	0	.	3		<a href="#">get it</a>
TP-05	1999-10-08	1	.	0	.	2		<a href="#">get it</a>
TP-06	1999-12-17	1	.	1	.	0		<a href="#">get it</a>
TP-07		2	.	0	.	0	TP-000026	
TP-07	2000-03-15	3	.	0	.	0		<a href="#">get it</a>
Editorial	2000-03-30	3	.	0	.	1		<a href="#">get it</a>
TP-08	2000-06-23	3	.	1	.	0		<a href="#">get it</a>
TP-09	2000-10-16	3	.	2	.	0		<a href="#">get it</a>
TP-10	2001-01-05	3	.	3	.	0		<a href="#">get it</a>
TP-13	2001-10-03	3	.	4	.	0		<a href="#">get it</a>
TP-17	2002-09-16	3	.	5	.	0		<a href="#">get it</a>

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## TR 21.905 Vocabulary for 3GPP Specifications

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least, so include it in that set. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	0	.	0	.	1		<a href="#">get it</a>
SP-07	2000-03-15	3	.	0	.	0	SP-000072	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
SP-08	2000-06-23	3	.	1	.	0		<a href="#">get it</a>
edito	2000-08-08	3	.	1	.	1		<a href="#">get it</a>
SP-09	2000-10-18	3	.	2	.	0		<a href="#">get it</a>
SP-13	2001-10-05	3	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 957

31 May 2005 21:14:35

ACTIVE specs R99 21 .- series  
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## TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-08

*G:* *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title. TP-27: Considered withdrawing, but decided to leave since Generic Access may imply some modifications to this (in Rel-6 or Rel-7). CP-27: Moved to current group on closure of T2; see TP-050062.  
*remarks - this release:* TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)

*history (event, available, version, comments, hyperlink):*

TP-03		0	.	1	.	0	
TP-04		0	.	2	.	0	
TP-05	1999-10-08	1	.	0	.	1	<a href="#">get it</a>
TP-06	1999-12-17	1	.	3	.	2	<a href="#">get it</a>
TP-07		2	.	0	.	0	
TP-08		2	.	1	.	0	
TP-08	2000-03-15	3	.	0	.	0	<a href="#">get it</a>

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## TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* SMITH, David O2 plc  
*freeze\_meeting:* SP-07 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-06	1999-12-17	2	.	0	.	0	<a href="#">get it</a>
Revised clause 11	2000-01-14	2	.	1	.	0	<a href="#">get it</a>
NP-08		2	.	1	.	1	
NP-08	2000-06-23	3	.	0	.	0	<a href="#">get it</a>

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R99

22 .- series

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 958

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
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**TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)**

R99 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-07 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-06	1999-12-17	3	.	0	.	0	aprvd with CRs	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
edito	2000-01-18	3	.	1	.	1		<a href="#">get it</a>
SP-07	2000-03-17	3	.	2	.	0		<a href="#">get it</a>

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**TS 22.002 Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)**

R99 *current version:* 3.6.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0		<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0		<a href="#">get it</a>
SP-08	2000-06-23	3	.	4	.	0		<a href="#">get it</a>
SP-09	2000-10-18	3	.	5	.	0		<a href="#">get it</a>
SP-11	2001-04-02	3	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 959

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
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## TS 22.003 Circuit Teleservices supported by a Public Land Mobile Network (PLMN)

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-08 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#5 *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-06	1999-12-17	3	.	0	.	0	aprvd with CRs	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
SP-07	2000-03-17	3	.	2	.	0		<a href="#">get it</a>
SP-12	2001-06-27	3	.	3	.	0		<a href="#">get it</a>

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## TS 22.004 General on supplementary services

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1		<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
SP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
Editorial	2000-03-15	3	.	2	.	1		<a href="#">get it</a>
SP-16	2002-07-04	3	.	3	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 960

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.011 Service accessibility**  
R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

txferd to 3GPP	2000-06-01	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-30	3	.	0	.	1	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	1	<a href="#">get it</a>
SP-07	2000-03-17	3	.	2	.	0	<a href="#">get it</a>
SP-09	2000-10-18	3	.	3	.	0	<a href="#">get it</a>
SP-11	2001-04-02	3	.	4	.	0	<a href="#">get it</a>
SP-12	2001-06-27	3	.	5	.	0	<a href="#">get it</a>
SP-14	2002-01-10	3	.	6	.	0	<a href="#">get it</a>
SP-15	2002-03-25	3	.	7	.	0	<a href="#">get it</a>
SP-17	2002-09-17	3	.	8	.	0	<a href="#">get it</a>

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**TS 22.016 International Mobile Equipment Identities (IMEI)**  
R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	2	.	0	<a href="#">get it</a>
SP-16	2002-07-04	3	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 961

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
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**TS 22.022 Personalisation of Mobile Equipment (ME); Mobile functionality specification**  
R99 *current version:* 3.2.1 *WG (prime / other):* S3 / - *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
*freeze\_meeting:* SP-05  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1		<a href="#">get it</a>
SP-08	2000-06-28	3	.	1	.	0	difficulty in implementing CR	<a href="#">get it</a>
SP-16	2002-06-19	3	.	2	.	0		<a href="#">get it</a>
edito post SP-16	2002-06-24	3	.	2	.	1	corrects change history	<a href="#">get it</a>

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**TS 22.024 Description of Charge Advice Information (CAI)**  
R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4,CR at TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 962

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
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## TS 22.030 Man-Machine Interface (MMI) of the User Equipment (UE)

R99 *current version:* 3.4.0 *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-30	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-30	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	3	.	0	<a href="#">get it</a>
SP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>

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## TS 22.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

R99 *current version:* 3.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-18 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & *remarks - this release:* Created from 02.31 R99.  
Rel-5 -> 22.031.

*history (event, available, version, comments, hyperlink):*

SP-18	2003-01-06	3	.	0	.	0	Technically identical to 02.31 v8.0.1. <a href="#">get it</a>
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## TS 22.032 Immediate Service Termination (IST); Service description; Stage 1

R99 *current version:* 3.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). *remarks - this release:* SP-16: Takes over from 02.32 R99.

*history (event, available, version, comments, hyperlink):*

SP-16	2002-06-24	3	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 963

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
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**TS 22.034 High Speed Circuit Switched Data (HSCSD); Stage 1**

R99 *current version:* 3.2.1  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
edito	2000-04-25	3	.	2	.	1	<a href="#">get it</a>

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**TS 22.038 USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1**

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-30	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	2	.	0	<a href="#">get it</a>
SP-20	2003-06-18	3	.	3	.	0	<a href="#">get it</a>
SP-22	2004-01-06	3	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 964

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
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## TS 22.041 Operator Determined Call Barring

R99 *current version:* 3.3.1 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-10	2001-01-08	3	.	2	.	0	<a href="#">get it</a>
SP-11	2001-04-02	3	.	3	.	0	<a href="#">get it</a>
edito	2001-04-26	3	.	3	.	1	<a href="#">get it</a>

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## TS 22.042 Network Identity and Time Zone (NITZ) service description; Stage 1

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* CR to 3.0.1 not aprvd.

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
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## TS 22.057 Mobile Execution Environment (MExE) service description; Stage 1

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-25	3	.	0	.	0	<a href="#">get it</a>
edito	1999-10-25	3	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 965

31 May 2005 21:14:35

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1**

R99 *current version:* 3.5.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-05 G: yes U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	4	.	0	<a href="#">get it</a>
SP-09	2000-10-18	3	.	5	.	0	<a href="#">get it</a>

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**TS 22.066 Support of Mobile Number Portability (MNP); Stage 1**

R99 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-05 G: yes U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
SP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	2	.	0	<a href="#">get it</a>

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**TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1**

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-05 G: yes U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 966

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
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**TS 22.071 Location Services (LCS); Stage 1**

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
SP-09	2000-10-18	3	.	3	.	0	<a href="#">get it</a>
SP-15	2002-03-25	3	.	4	.	0	<a href="#">get it</a>
SP-23	2004-03-23	3	.	5	.	0	<a href="#">get it</a>

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**TS 22.072 Call Deflection (CD); Stage 1**

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-05

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*remarks - general:* Transfer>TSG#4

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 967

31 May 2005 21:14:36

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**TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1**

R99 *current version:* 3.9.0 *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	4	.	0	<a href="#">get it</a>
edito	2000-08-09	3	.	4	.	1	<a href="#">get it</a>
SP-09	2000-10-31	3	.	5	.	0	<a href="#">get it</a>
SP-10	2001-01-08	3	.	6	.	0	<a href="#">get it</a>
SP-11	2001-04-02	3	.	7	.	0	<a href="#">get it</a>
SP-12	2001-06-27	3	.	8	.	0	<a href="#">get it</a>
SP-15	2002-03-25	3	.	9	.	0	<a href="#">get it</a>

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**TS 22.079 Support of optimal routing; Stage 1**

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 968

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
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**TS 22.081 Line Identification supplementary services; Stage 1**  
R99 *current version:* 3.2.0 *freeze\_meeting:* SP-05  
*WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1  
SP-08 2000-06-28 3 . 2 . 0

[get it](#)  
[get it](#)

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**TS 22.082 Call Forwarding (CF) Supplementary Services; Stage 1**  
R99 *current version:* 3.0.2 *freeze\_meeting:* SP-05  
*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1  
post SP-23 edito 2004-03-23 3 . 0 . 2

[get it](#)  
[get it](#)

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**TS 22.083 Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1**  
R99 *current version:* 3.0.1 *freeze\_meeting:* SP-05  
*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 969

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.084 MultiParty (MPY) supplementary service; Stage 1**

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1

[get it](#)

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**TS 22.085 Closed User Group (CUG) supplementary services; Stage 1**

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*remarks - general:* Transfer>TSG#4

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1

SP-06 1999-12-17 3 . 1 . 0

[get it](#)

[get it](#)

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**TS 22.086 Advice of Charge (AoC) supplementary services; Stage 1**

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*remarks - general:* Transfer>TSG#4

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 1 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 970

31 May 2005 21:14:36

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**TS 22.087 User-to-user signalling (UUS); Stage 1**

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1 3.0.1, but should have been 3.1.0 to [get it](#)  
include a CR wrongly attributed to 22.086.

incorporation of 2000-02-01 3 . 1 . 0 [get it](#)  
lost CR from SP-05

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**TS 22.088 Call Barring (CB) supplementary services; Stage 1**

R99 *current version:* 3.0.2 *WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1 [get it](#)  
edito 2000-11-27 3 . 0 . 2 [get it](#)

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**TS 22.090 Unstructured Supplementary Service Data (USSD); Stage 1**

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1 [get it](#)  
SP-07 2000-03-15 3 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 971

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
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**TS 22.091 Explicit Call Transfer (ECT) supplementary service; Stage 1**

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1 [get it](#)  
SP-09 2000-10-18 3 . 1 . 0 [get it](#)

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**TS 22.093 Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1**

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1 [get it](#)

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**TS 22.094 Follow Me service description - Stage 1**

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094. *remarks - this release:* Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. August 2001: still debating whether this is GSM-only or common.

*history (event, available, version, comments, hyperlink):*

SP-06 1999-12-17 3 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 972

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.096 Name identification supplementary services; Stage 1**

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1 [get it](#)

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**TS 22.097 Multiple Subscriber Profile (MSP) Phase 2; Service description; Stage 1**

R99 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4. 2005-03-22: "Phase 1" changed to "Phase 2" following CR *remarks - this release:*  
at SP-05 (!).

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 1 . 0 [get it](#)  
SP-09 2000-10-18 3 . 2 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 973

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
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**TS 22.100 UMTS Phase 1**

R99 *current version:* 3.7.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	1998-09-16	0	.	1	.	0	<a href="#">get it</a>
draft	1998-10-16	1	.	0	.	0	<a href="#">get it</a>
WG approval	1999-02-01	2	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	2	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	3	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	4	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	5	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	6	.	0	<a href="#">get it</a>
SP-13	2001-10-05	3	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 974

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.101 Service aspects; Service principles**

R99 *current version:* 3.17.0

*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	3 . 5 . 0	<a href="#">get it</a>
SP-04	1999-06-23	3 . 6 . 0	<a href="#">get it</a>
SP-05	1999-10-13	3 . 7 . 0	<a href="#">get it</a>
SP-06	1999-12-17	3 . 8 . 0	<a href="#">get it</a>
SP-07	2000-03-15	3 . 9 . 0	<a href="#">get it</a>
SP-08	2000-06-28	3 . 10 . 0	<a href="#">get it</a>
SP-09	2000-10-18	3 . 11 . 0	<a href="#">get it</a>
SP-10	2001-01-08	3 . 12 . 0	<a href="#">get it</a>
SP-12	2001-06-27	3 . 13 . 0	<a href="#">get it</a>
SP-20	2003-06-18	3 . 14 . 0	<a href="#">get it</a>
SP-21	2003-09-30	3 . 15 . 0	<a href="#">get it</a>
SP-22	2004-01-06	3 . 16 . 0	<a href="#">get it</a>
SP-23	2004-03-23	3 . 17 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 975

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
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## TS 22.105 Services and service capabilities

R99 current version: 3.10.0

freeze\_meeting: SP-03

WG (prime / other): S1 / - rapporteur: ZARRI, Michele T-Mobile International AG

G: U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

First complete draft	1997-06-13	1	.	0	.	0	<a href="#">get it</a>
draft	1997-12-19	1	.	4	.	1	<a href="#">get it</a>
WG approval	1998-02-15	2	.	0	.	0	<a href="#">get it</a>
smg-25	1998-03-20	3	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-20	3	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-15	3	.	2	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	4	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	5	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	6	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	7	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	8	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	9	.	0	<a href="#">get it</a>
SP-10	2001-01-08	3	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 976

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.115 Service aspects; Charging and billing

R99 current version: 3.4.0  
freeze\_meeting: SP-03

WG (prime / other): S1 / - rapporteur: SCARRONE, Enrico  
G: yes U: yes MCC: CLAYTON, Michael

TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft	1997-06-13	1	.	0	.	0	<a href="#">get it</a>
Milestone 1	1997-12-19	1	.	2	.	2	<a href="#">get it</a>
WG approval	1999-01-15	2	.	0	.	0	<a href="#">get it</a>
TB approval	1999-02-15	3	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	1	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
SP-22	2004-01-06	3	.	4	.	0	<a href="#">get it</a>

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## TR 22.121 Service aspects; The Virtual Home Environment (VHE); Stage 1

R99 current version: 3.3.1  
freeze\_meeting: SP-04

WG (prime / other): S1 / - rapporteur: ZARRI, Michele  
G: yes U: yes MCC: CLAYTON, Michael

T-Mobile International AG

remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR.

remarks - this release:

history (event, available, version, comments, hyperlink):

OSP parts extracted from 22,121 v3,2,0	1999-03-04	0	.	0	.	0	<a href="#">get it</a>
draft	1999-04-04	0	.	1	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	3	.	0	<a href="#">get it</a>
SP-16	2002-07-19	3	.	3	.	1	<a href="#">get it</a>

Converted from TS to TR.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 977

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

R99 *current version:* 3.6.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / -  
*G:* yes *U:* yes

*rapporteur:* SAMPSON, Nick  
*MCC:* CLAYTON, Michael

ORANGE SA

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Start of work	1999-03-04	0	.	0	.	0		<a href="#">get it</a>
Table of Contents and Scope	1999-03-04	0	.	1	.	0		<a href="#">get it</a>
First complete draft	1999-04-22	1	.	0	.	0		<a href="#">get it</a>
SP-03	1999-01-23	1	.	2	.	0		<a href="#">get it</a>
SP-03	1999-04-23	3	.	0	.	0		<a href="#">get it</a>
SP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0		<a href="#">get it</a>
SP-08	2000-06-28	3	.	3	.	0		<a href="#">get it</a>
SP-09	2000-10-18	3	.	4	.	0		<a href="#">get it</a>
SP-10	2001-01-08	3	.	5	.	0		<a href="#">get it</a>
SP-14	2002-01-10	3	.	6	.	0		<a href="#">get it</a>

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## TS 22.135 Multical; Service description; Stage 1

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / -  
*G:* *U:* yes

*rapporteur:* KOKKOLA, Tommi  
*MCC:* CLAYTON, Michael

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Start of work	1999-03-04	0	.	0	.	0		<a href="#">get it</a>
Table of Contents and Scope	1999-03-04	0	.	1	.	0		<a href="#">get it</a>
SP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
SP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
SP-08	2000-06-28	3	.	3	.	0		<a href="#">get it</a>
SP-09	2000-10-18	3	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 978

31 May 2005 21:14:36

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## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* (development in T2) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-08	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	2	.	0	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	1	.	0	<a href="#">get it</a>

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## TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-28	1	.	0	.	0	<a href="#">get it</a>
TP-05	1999-10-08	3	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 979

31 May 2005 21:14:36

ACTIVE specs R99 22 .- series  
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## TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1997-10-19	0	.	0	.	1	<a href="#">get it</a>
First complete draft	1997-12-19	1	.	1	.	1	<a href="#">get it</a>
WG approval	1998-02-15	2	.	0	.	0	<a href="#">get it</a>
smg-25	1998-03-20	3	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	1	.	1	<a href="#">get it</a>

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## TR 22.975 Advanced addressing

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1997-10-17	0	.	1	.	0	<a href="#">get it</a>
First complete draft	1997-12-19	1	.	0	.	0	<a href="#">get it</a>
WG approval	1998-02-15	2	.	0	.	0	<a href="#">get it</a>
smg-25	1998-03-20	3	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	0	.	1	<a href="#">get it</a>
SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>

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R99

23 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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# 3GPP specification status

Page 980

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.002 Network architecture**  
R99 *current version:* 3.6.0  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4,CR at TSG#5

*WG (prime / other):* S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
SP-10	2000-12-21	3	.	4	.	0	<a href="#">get it</a>
SP-14	2002-01-07	3	.	5	.	0	<a href="#">get it</a>
SP-17	2002-09-24	3	.	6	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 981

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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**TS 23.003 Numbering, addressing and identification**

R99 *current version:* 3.14.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
edito	2000-05-17	3	.	4	.	1	<a href="#">get it</a>
NP-08	2000-06-28	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	6	.	0	<a href="#">get it</a>
NP-10	2000-12-21	3	.	7	.	0	<a href="#">get it</a>
NP-11	2001-04-02	3	.	8	.	0	<a href="#">get it</a>
NP-12	2001-06-27	3	.	9	.	0	<a href="#">get it</a>
NP-16	2002-06-21	3	.	10	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	11	.	0	<a href="#">get it</a>
NP-20	2003-06-27	3	.	12	.	0	<a href="#">get it</a>
NP-21	2003-10-09	3	.	13	.	0	<a href="#">get it</a>
NP-22	2004-01-12	3	.	14	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 982

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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**TS 23.007 Restoration procedures**

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	3	<a href="#">get it</a>
NP-06	1999-12-15	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-08	2000-06-28	3	.	4	.	0	<a href="#">get it</a>
NP-16	2002-06-21	3	.	5	.	0	<a href="#">get it</a>
NP-22	2004-01-12	3	.	6	.	0	<a href="#">get it</a>

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**TS 23.008 Organisation of subscriber data**

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG

*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-08	2000-06-28	3	.	4	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	5	.	0	<a href="#">get it</a>
NP-12	2001-06-27	3	.	6	.	0	<a href="#">get it</a>
NP-16	2002-06-21	3	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-27	3	.	8	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 983

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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**TS 23.009 Handover procedures**

R99 *current version:* 3.14.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
edito (SDLs beautified)	2000-05-16	3	.	2	.	1	<a href="#">get it</a>
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-06	3	.	4	.	0	<a href="#">get it</a>
NP-10	2001-01-03	3	.	5	.	0	<a href="#">get it</a>
NP-11	2001-04-11	3	.	6	.	0	<a href="#">get it</a>
NP-12	2001-07-06	3	.	7	.	0	<a href="#">get it</a>
NP-13	2001-10-05	3	.	8	.	0	<a href="#">get it</a>
NP-14	2002-01-08	3	.	9	.	0	<a href="#">get it</a>
NP-16	2002-06-20	3	.	10	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	11	.	0	<a href="#">get it</a>
NP-18	2003-01-02	3	.	12	.	0	<a href="#">get it</a>
NP-19	2003-03-24	3	.	13	.	0	<a href="#">get it</a>
NP-20	2003-06-27	3	.	14	.	0	<a href="#">get it</a>

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**TS 23.011 Technical realization of Supplementary Services**

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG

*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
edito	2000-06-06	3	.	0	.	1	<a href="#">get it</a>
NP-09	2000-10-26	3	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 984

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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## TS 23.012 Location management procedures

R99 *current version:* 3.3.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
CR 23.012-003r3	2000-06-05	3	.	2	.	1	<a href="#">get it</a>
removed (error)							
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>

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## TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 *current version:* 3.2.0 *WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Should not be in UMTS ???CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	2	.	0	<a href="#">get it</a>

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## TS 23.015 Technical realization of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 985

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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**TS 23.016 Subscriber data management; Stage 2**

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / -

*G:* yes *U:* yes

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	6	.	0	<a href="#">get it</a>
NP-11	2001-03-30	3	.	7	.	0	<a href="#">get it</a>
NP-15	2002-03-28	3	.	8	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	9	.	0	<a href="#">get it</a>
NP-23	2004-03-23	3	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 986

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.018 Basic Call Handling; Technical realization

R99 current version: 3.12.0

freeze\_meeting: SP-03

WG (prime / other): C4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-25	3	.	6	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	7	.	0	<a href="#">get it</a>
NP-12	2001-07-04	3	.	8	.	0	<a href="#">get it</a>
NP-13	2001-10-03	3	.	9	.	0	<a href="#">get it</a>
NP-14	2002-01-16	3	.	10	.	0	<a href="#">get it</a>
NP-15	2002-03-28	3	.	11	.	0	<a href="#">get it</a>
NP-19	2003-04-04	3	.	12	.	0	<a href="#">get it</a>

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## TS 23.031 Fraud Information Gathering System (FIGS); Service description; Stage 2

R99 current version: 3.0.0

freeze\_meeting: SP-18

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim

G: yes U: yes MCC: CLAYTON, Michael

Indicate persons who left Company and wait for new One

remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 -> 23.031. remarks - this release: Created from 03.31 R99.

history (event, available, version, comments, hyperlink):

SP-18	2003-01-06	3	.	0	.	0	Technically identical to 03.31 v8.0.0 <a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 987

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.032 Universal Geographical Area Description (GAD)

R99 *current version:* 3.2.1  
*freeze\_meeting:* SP-03  
*remarks - general:* S2 responsibility?

*WG (prime / other):* S2 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
SP-18	2003-01-07	3	.	2	.	0	<a href="#">get it</a>
edito post SP-18 to correct figures	2003-01-10	3	.	2	.	1	<a href="#">get it</a>

---

## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* C1 / - *rapporteur:* SITCH, Paul NOKIA Corporation  
*G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	1	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
NP-10	2001-01-02	3	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 988

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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<b>TS 23.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>				
R99	current version: 3.1.0	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	freeze_meeting: SP-16	G: yes U: yes	MCC: CLAYTON, Michael		
remarks - general:	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).		remarks - this release:	SP-16: takes over from 03,35 R99.	
history (event, available, version, comments, hyperlink):					
	SP-16	2002-06-24	3 . 0 . 0	<a href="#">get it</a>	
	SP-17	2002-09-18	3 . 1 . 0	<a href="#">get it</a>	

---

<b>TS 23.038</b>	<b>Alphabets and language-specific information</b>				
R99	current version: 3.3.0	WG (prime / other): C1 / -	rapporteur: HARRIS, Ian	Research In Motion Limited	
	freeze_meeting: SP-04	G: yes U: yes	MCC: JURISIC, Andrijana		
remarks - general:	CP-27: Moved to current group on closure of T2; see TP-050062.		remarks - this release:	additional CR for R99 on SMS enhanced message content expected at TSG-T#7. No, evidently not.	
history (event, available, version, comments, hyperlink):					
	TP-03	1999-04-28	1 . 0 . 0	<a href="#">get it</a>	
	TP-04	1999-06-23	3 . 1 . 0	<a href="#">get it</a>	
	TP-05	1999-10-08	3 . 2 . 0	<a href="#">get it</a>	
	TP-06	1999-12-17	3 . 3 . 0	<a href="#">get it</a>	

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<b>TR 23.039</b>	<b>Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)</b>				
R99	current version: 3.2.0	WG (prime / other): C1 / -	rapporteur: HARRIS, Ian	Research In Motion Limited	
	freeze_meeting: SP-04	G: yes U: yes	MCC: JURISIC, Andrijana		
remarks - general:	CP-27: Moved to current group on closure of T2; see TP-050062.		remarks - this release:		
history (event, available, version, comments, hyperlink):					
	TP-03	1999-04-28	1 . 0 . 0	<a href="#">get it</a>	
	TP-04	1999-06-23	3 . 0 . 0	<a href="#">get it</a>	
TP-06 completed	1999-12-17	3 . 1 . 0	<a href="#">get it</a>		
	TP-09	2000-10-04	3 . 2 . 0	<a href="#">get it</a>	

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# 3GPP specification status

Page 989

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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## TS 23.040 Technical realization of Short Message Service (SMS)

R99 *current version:* 3.10.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-03	1999-04-28	1	.	0	.	0	<a href="#">get it</a>
TP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
TP-05	1999-10-08	3	.	2	.	0	<a href="#">get it</a>
TP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
TP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
edito	2000-04-19	3	.	4	.	1	<a href="#">get it</a>
TP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
TP-13	2001-10-03	3	.	6	.	0	<a href="#">get it</a>
TP-14	2002-01-11	3	.	7	.	0	<a href="#">get it</a>
TP-15	2002-03-21	3	.	8	.	0	<a href="#">get it</a>
TP-16	2002-06-25	3	.	9	.	0	<a href="#">get it</a>
TP-20	2003-06-25	3	.	10	.	0	<a href="#">get it</a>

---

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
TP-05	1999-10-08	3	.	0	.	0	<a href="#">get it</a>
TP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
TP-07 completion target	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
TP-09	2000-10-11	3	.	3	.	0	<a href="#">get it</a>
TP-12	2001-07-04	3	.	4	.	0	<a href="#">get it</a>
TP-16	2002-06-25	3	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 990

31 May 2005 21:14:37

ACTIVE specs R99 23 .- series  
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## TS 23.042 Compression algorithm for SMS

R99 current version: 3.1.0

freeze\_meeting: SP-04

WG (prime / other): C1 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: yes MCC: JURISIC, Andrijana

remarks - general: TP-27: Former WG = T2.

remarks - this release: 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	.	0	.	0	<a href="#">get it</a>
TP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
TP-06	1999-12-17	3	.	1	.	0	test vectors provided 23/01/200 <a href="#">get it</a>

---

## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 current version: 3.4.0

freeze\_meeting: SP-06

WG (prime / other): S1 / - rapporteur: BRENK, Lars TTP Communications plc

G: yes U: yes MCC: CLAYTON, Michael

remarks - general: Apr-2001: " Station Application" removed from title. SP-27: Moved to current group on closure of T2; see TP-050062.

remarks - this release:

history (event, available, version, comments, hyperlink):

TP-03	1999-04-28	1	.	0	.	0	<a href="#">get it</a>
TP-04 (MExE R98 GSM 03.57)	1999-06-18	1	.	1	.	0	<a href="#">get it</a>
TP-05	1999-10-08	1	.	5	.	0	<a href="#">get it</a>
TP-06 completed	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
TP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
Editorial	2000-03-15	3	.	1	.	1	<a href="#">get it</a>
TP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
TP-09	2000-10-16	3	.	3	.	0	<a href="#">get it</a>
TP-11	2003-10-14	3	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 991

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
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## TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

R99 *current version:* 3.16.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* Transfer>TSG#4 *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-23	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	4	.	0	<a href="#">get it</a>
SP-09	2000-11-04	3	.	5	.	0	<a href="#">get it</a>
SP-10	2001-01-12	3	.	6	.	0	<a href="#">get it</a>
SP-11	2001-04-06	3	.	7	.	0	<a href="#">get it</a>
SP-12	2001-06-29	3	.	8	.	0	<a href="#">get it</a>
SP-13	2001-10-12	3	.	9	.	0	<a href="#">get it</a>
SP-14	2002-01-09	3	.	10	.	0	<a href="#">get it</a>
edito		3	.	10	.	1	
SP-15	2002-04-07	3	.	11	.	0	<a href="#">get it</a>
SP-16	2002-06-17	3	.	12	.	0	<a href="#">get it</a>
SP-17	2002-10-02	3	.	13	.	0	<a href="#">get it</a>
SP-18	2003-01-10	3	.	14	.	0	<a href="#">get it</a>
SP-20	2003-06-20	3	.	15	.	0	<a href="#">get it</a>
SP-22	2004-01-06	3	.	16	.	0	<a href="#">get it</a>

---

## TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4, CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 992

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
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**TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2**

R99 *current version:* 3.3.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
NP-10	2000-12-21	3	.	2	.	0	<a href="#">get it</a>
NP-12	2001-06-27	3	.	3	.	0	<a href="#">get it</a>

---

**TS 23.072 Call Deflection Supplementary Service; Stage 2**

R99 *current version:* 3.3.0 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	3	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 993

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
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**TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2**

R99 *current version:* 3.19.0 *WG (prime / other):* C4 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG

*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-09	3	.	6	.	0	<a href="#">get it</a>
NP-10	2001-01-04	3	.	7	.	0	<a href="#">get it</a>
NP-11	2001-04-02	3	.	8	.	0	<a href="#">get it</a>
NP-12	2001-06-29	3	.	9	.	0	<a href="#">get it</a>
NP-13	2001-10-03	3	.	10	.	0	<a href="#">get it</a>
NP-14	2002-01-04	3	.	11	.	0	<a href="#">get it</a>
NP-15	2002-03-19	3	.	12	.	0	<a href="#">get it</a>
NP-16	2002-06-17	3	.	13	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	14	.	0	<a href="#">get it</a>
NP-18	2002-12-18	3	.	15	.	0	<a href="#">get it</a>
NP-19	2003-03-25	3	.	16	.	0	<a href="#">get it</a>
NP-20	2003-06-23	3	.	17	.	0	<a href="#">get it</a>
NP-21	2003-09-29	3	.	18	.	0	<a href="#">get it</a>
NP-23	2004-03-25	3	.	19	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 994

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
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**TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2**

R99 *current version:* 3.8.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CR at TSG#4, CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	6	.	0	<a href="#">get it</a>
NP-16	2002-06-21	3	.	7	.	0	<a href="#">get it</a>
NP-18	2003-01-07	3	.	8	.	0	<a href="#">get it</a>

---

**TS 23.081 Line Identification supplementary services; Stage 2**

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
edito	2000-06-06	3	.	0	.	1	<a href="#">get it</a>
NP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-17	2002-09-24	3	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 995

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
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## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	4	.	0	<a href="#">get it</a>
NP-10	2000-12-21	3	.	5	.	0	<a href="#">get it</a>
NP-12	2001-06-27	3	.	6	.	0	<a href="#">get it</a>
NP-16	2002-06-21	3	.	7	.	0	<a href="#">get it</a>

---

## TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 996

31 May 2005 21:14:38

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## TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	2	.	0	<a href="#">get it</a>

---

## TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
edito	2000-06-06	3	.	0	.	1	<a href="#">get it</a>
NP-09	2000-10-26	3	.	1	.	0	<a href="#">get it</a>

---

## TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
edito	2000-06-06	3	.	0	.	1	<a href="#">get it</a>
NP-09	2000-10-26	3	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 997

31 May 2005 21:14:38

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## TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
edito	2000-06-06	3	.	0	.	1	<a href="#">get it</a>
NP-09	2000-10-26	3	.	1	.	0	<a href="#">get it</a>

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## TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	2	.	0	<a href="#">get it</a>

---

## TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 998

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
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## TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
ETSI Publication	2000-11-07	3	.	2	.	0	<a href="#">get it</a>

---

## TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	2	.	0	<a href="#">get it</a>

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## TS 23.094 Follow Me Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4. GSM only @TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Transfer>TSG#6.

*history (event, available, version, comments, hyperlink):*

NP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 999

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.096 Name Identification Supplementary Service; Stage 2

R99 *current version:* 3.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 [get it](#)  
edito 2000-06-06 3 . 0 . 1 [get it](#)

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## TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

R99 *current version:* 3.1.1 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-05 1999-10-13 3 . 0 . 1 [get it](#)  
NP-06 1999-12-17 3 . 1 . 0 [get it](#)  
NP-07 2000-03-15 3 . 1 . 1 [get it](#)

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## TS 23.101 General UMTS Architecture

R99 *current version:* 3.1.0 *WG (prime / other):* S2 / - *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G: U: yes* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft 1997-06-13 0 . 1 . 0 [get it](#)  
Transfer to SP SA 1999-03-04 0 . 1 . 1 [get it](#)  
WG2  
SP-03 1999-04-23 3 . 0 . 0 [get it](#)  
SP-04 1999-06-23 3 . 0 . 1 [get it](#)  
SP-10 2000-12-21 3 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1000

31 May 2005 21:14:38

ACTIVE specs R99 23 .- series  
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## TS 23.107 Quality of Service (QoS) concept and architecture

R99 *current version:* 3.9.0 *WG (prime / other):* S2 / - *rapporteur:* RINNE, Janne NOKIA Corporation  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* was 23.907. SP-27: scope includes GERAN as well as UTRAN, so this spec *remarks - this release:*  
will now appear in 01.01 / 41.101 henceforward.

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3 . 0 . 0	<a href="#">get it</a>
SP-06	1999-12-17	3 . 1 . 0	<a href="#">get it</a>
SP-07	2000-03-15	3 . 2 . 0	<a href="#">get it</a>
SP-08	2000-06-28	3 . 3 . 0	<a href="#">get it</a>
SP-09	2000-10-19	3 . 4 . 0	<a href="#">get it</a>
SP-10	2000-12-22	3 . 5 . 0	<a href="#">get it</a>
SP-11	2001-05-14	3 . 6 . 0	<a href="#">get it</a>
SP-14	2002-01-07	3 . 7 . 0	<a href="#">get it</a>
CR072r1 erroneously implemented; anticipate correction at SP-15.			
SP-15	2002-04-07	3 . 8 . 0	<a href="#">get it</a>
SP-17	2002-09-24	3 . 9 . 0	<a href="#">get it</a>

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## TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

R99 *current version:* 3.2.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* This is clause 7 from 04.08 ex R98.CP-27: change of WG as a result of *remarks - this release:*  
closure of CN and T.

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	0 . 0 . 0	<a href="#">get it</a>
NP-05	1999-10-13	3 . 0 . 0	<a href="#">get it</a>
NP-04	1999-06-23	3 . 0 . 0	<a href="#">get it</a>
NP-06	1999-12-17	3 . 1 . 0	<a href="#">get it</a>
NP-07	2000-03-15	3 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1001

31 May 2005 21:14:38

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## TS 23.110 UMTS Access Stratum Services and Functions

R99 current version: 3.4.0  
freeze\_meeting: SP-07

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One

G: yes U: yes MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1997-02-15	0	.	3	.	0	<a href="#">get it</a>
Transfer to SP S2	1999-03-04	0	.	3	.	1	<a href="#">get it</a>
SP-03	1999-04-23	3	.	1	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>

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## TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.2.0  
freeze\_meeting: SP-07

WG (prime / other): C4 / - rapporteur: HUTTON, David NORTEL NETWORKS (EUROPE)

G: yes U: yes MCC: KYMALAINEN, Kimmo

remarks - general: New after TSG#5CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

NP-04	1999-04-30	0	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	1	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>
NP-12	2001-06-27	3	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-10	3	.	2	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1002

31 May 2005 21:14:39

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## TS 23.119 Gateway Location Register (GLR); Stage2

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*freeze\_meeting:* SP-07 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99

### *history (event, available, version, comments, hyperlink):*

draft	1999-08-01	0	.	1	.	0	<a href="#">get it</a>
draft	1999-09-01	0	.	2	.	0	<a href="#">get it</a>
draft	1999-10-01	0	.	3	.	0	<a href="#">get it</a>
draft	1999-11-01	0	.	4	.	0	<a href="#">get it</a>
draft	1999-11-15	0	.	5	.	0	<a href="#">get it</a>
N2b, Milan	2000-02-28	1	.	0	.	0	<a href="#">get it</a>
NP-07	2000-11-21	2	.	0	.	0	<a href="#">get it</a>
NP-10	2001-01-09	3	.	0	.	0	<a href="#">get it</a>

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## TS 23.121 Architectural requirements for Release 1999

R99 *current version:* 3.6.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

First complete draft	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	1	.	0	.	0	<a href="#">get it</a>
draft	1999-06-01	1	.	0	.	1	<a href="#">get it</a>
draft	1999-06-20	2	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
SP-09	2000-10-19	3	.	4	.	0	<a href="#">get it</a>
SP-10	2000-12-20	3	.	5	.	0	<a href="#">get it</a>
edito	2001-02-01	3	.	5	.	1	<a href="#">get it</a>
SP-16	2002-06-18	3	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1003

31 May 2005 21:14:39

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## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 *current version:* 3.10.0 *WG (prime / other):* C1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of R98 features.CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo erroneously incorporated CR.

### *history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
editorial correction	2000-02-10	3	.	1	.	1	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-06	3	.	4	.	0	<a href="#">get it</a>
edito	2000-10-24	3	.	4	.	1	<a href="#">get it</a>
edito	2000-11-02	3	.	4	.	2	<a href="#">get it</a>
NP-10	2001-01-02	3	.	5	.	0	<a href="#">get it</a>
NP-11	2001-04-11	3	.	6	.	0	<a href="#">get it</a>
NP-12	2001-07-05	3	.	7	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	8	.	0	<a href="#">get it</a>
NP-18	2002-12-18	3	.	9	.	0	<a href="#">get it</a>
NP-21	2003-10-10	3	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1004

31 May 2005 21:14:39

ACTIVE specs R99 23 .- series  
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## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

R99 *current version:* 3.4.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred from S2 to N5 at N/SP-25. SP-27: Still with S2, but Rel-6 onwards -> 23.198 with N5 (see SP-050010).  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	0	.	3	.	0		<a href="#">get it</a>
SP-07		2	.	0	.	0	SP-000089	
SP-07	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
SP-08	2000-06-28	3	.	1	.	0		<a href="#">get it</a>
SP-09	2000-11-06	3	.	2	.	0		<a href="#">get it</a>
SP-10	2000-12-21	3	.	3	.	0		<a href="#">get it</a>
SP-12	2001-06-29	3	.	4	.	0		<a href="#">get it</a>

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## TS 23.135 Multicall supplementary service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* KOZU, Kazuyuki NTT DoCoMo Inc  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-07	2000-03-15	1	.	1	.	0		<a href="#">get it</a>
NP-07	2000-03-15	3	.	0	.	0		<a href="#">get it</a>
NP-08	2000-06-23	3	.	1	.	0		<a href="#">get it</a>
NP-09	2000-10-25	3	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1005

31 May 2005 21:14:39

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**TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2**

R99 *current version:* 3.1.0 *WG (prime / other):* CP / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-07 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to *remarks - this release:*  
current group on closure of T2; see TP-050062.

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
TP-05	1999-10-08	0	.	1	.	0		<a href="#">get it</a>
TP-06	1999-12-17	1	.	0	.	0		<a href="#">get it</a>
TP-07	2000-03-15	2	.	0	.	0	TP-000028	<a href="#">get it</a>
Editorial	2000-03-15	3	.	0	.	1		<a href="#">get it</a>
TP-16	2002-06-24	3	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1006

31 May 2005 21:14:39

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

R99 current version: 3.11.0

freeze\_meeting: SP-07

WG (prime / other): S2 / - rapporteur: WONG, Gavin

VODAFONE Group Plc

G: U: yes MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-05	1999-10-13	1	.	0	.	0		<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0		<a href="#">get it</a>
SP-07		2	.	0	.	0	SP-000090	
SP-07	2000-03-15	3	.	0	.	0		<a href="#">get it</a>
SP-08	2000-06-28	3	.	1	.	0		<a href="#">get it</a>
SP-10	2000-12-21	3	.	2	.	0		<a href="#">get it</a>
SP-11	2001-04-11	3	.	3	.	0		<a href="#">get it</a>
SP-12	2001-06-29	3	.	4	.	0		<a href="#">get it</a>
SP-13	2001-10-15	3	.	5	.	0		<a href="#">get it</a>
SP-14	2002-01-07	3	.	6	.	0		<a href="#">get it</a>
SP-15	2002-03-29	3	.	7	.	0		<a href="#">get it</a>
SP-16	2002-06-18	3	.	8	.	0		<a href="#">get it</a>
SP-17	2002-09-24	3	.	9	.	0		<a href="#">get it</a>
SP-20	2003-06-23	3	.	10	.	0		<a href="#">get it</a>
SP-23	2004-04-01	3	.	11	.	0		<a href="#">get it</a>

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## TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 current version: 3.1.0

freeze\_meeting: SP-06

WG (prime / other): C1 / - rapporteur: YOKOTA, Fumihiko Fujitsu Limited

G: U: yes MCC: JURISIC, Andrijana

remarks - general: New after TSG#5CP-27: change of WG as a result of closure of CN and T.

remarks - this release: TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.

history (event, available, version, comments, hyperlink):

NP-05	1999-10-08	0	.	0	.	0		<a href="#">get it</a>
NP-06	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
editorial (!)	2000-01-24	3	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1007

31 May 2005 21:14:39

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.908 Technical report on Pre-Paging

R99 *current version:* 3.0.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
edito	2000-05-02	3	.	0	.	1	<a href="#">get it</a>

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## TR 23.909 Technical report on the Gateway Location Register

R99 *current version:* 3.0.1 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* Chalmers  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* KYMALAINEN, Kimmo

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
edito	2000-05-03	3	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1008

31 May 2005 21:14:39

ACTIVE specs R99 23 .- series  
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## TR 23.910 Circuit switched data bearer services

R99 *current version:* 3.6.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* HAN, Seung Don

*remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval). NP-25: TSG CN proposing to convert to a TS.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-04	1999-06-23	0	.	0	.	0		<a href="#">get it</a>
NP-05	1999-10-13	0	.	1	.	0		<a href="#">get it</a>
NP-06	1999-12-17	1	.	0	.	0		<a href="#">get it</a>
NP-07		2	.	0	.	0		
NP-07	2000-03-15	3	.	0	.	0		<a href="#">get it</a>
NP-08	2000-06-23	3	.	1	.	0		<a href="#">get it</a>
NP-09	2000-10-18	3	.	2	.	0		<a href="#">get it</a>
NP-10	2000-12-22	3	.	3	.	0		<a href="#">get it</a>
NP-11	2001-04-06	3	.	4	.	0		<a href="#">get it</a>
NP-12	2001-06-28	3	.	5	.	0		<a href="#">get it</a>
NP-17	2002-09-17	3	.	6	.	0		<a href="#">get it</a>

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## TR 23.911 Technical report on Out-of-band transcoder control

R99 *current version:* 3.0.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-05 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Creation of WI by	1999-10-13	0	.	0	.	1		<a href="#">get it</a>
WG/TB								
NP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
edito	2000-05-02	3	.	0	.	1		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1009

31 May 2005 21:14:39

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.912 Technical report on Super-Charger

R99 *current version:* 3.1.0 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Creation of WI by	1999-10-13	0	.	0	.	1	<a href="#">get it</a>
WG/TB							
NP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
edito	2000-05-02	3	.	0	.	1	<a href="#">get it</a>
edito	2000-05-09	3	.	0	.	2	<a href="#">get it</a>
NP-14	2002-01-10	3	.	1	.	0	<a href="#">get it</a>

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## TR 23.923 Combined GSM and Mobile IP mobility handling in UMTS IP CN

R99 *current version:* 3.0.0 *WG (prime / other):* S2 / - *rapporteur:* HUBBARD, Elisabeth Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-06 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* July 2001: (Sultan) contents out of date. Replaced by 23.228.

### *history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	0	.	5	.	0	<a href="#">get it</a>
SP-04	1999-06-23	0	.	6	.	0	<a href="#">get it</a>
SP-05	1999-10-15	1	.	0	.	0	<a href="#">get it</a>
SP-06	2000-06-05	3	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1010

31 May 2005 21:14:39

ACTIVE specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.930 Iu principles

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-04

*WG (prime / other):* S2 / - *rapporteur:* AXERUD, Bo  
G: U: yes *MCC:* POPE, Maurice

NOKIA TELECOMMUNICATIONS FINLAND

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1997-11-15	0	.	1	.	1	<a href="#">get it</a>
First complete draft	1999-04-01	1	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	1	.	2	.	1	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>

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## TR 23.972 Circuit switched multimedia telephony

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-07

*WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: U: yes *MCC:* JURISIC, Andrijana

*remarks - general:* New after TSG#5. Minor title change TSG#7.CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Start of work	1999-10-21	0	.	0	.	1	<a href="#">get it</a>
N1-08	1999-10-21	0	.	0	.	2	<a href="#">get it</a>
N1-09	1999-12-09	0	.	0	.	3	<a href="#">get it</a>
N1-08 revision	1999-10-29	0	.	0	.	3	<a href="#">get it</a>
NP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>

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R99

24 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1011

31 May 2005 21:14:39

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration**  
R99 *current version:* 3.1.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-07 *G: yes U: yes* *MCC:* Skov  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* JURISIC, Andrijana

*history (event, available, version, comments, hyperlink):*

NP-07	2000-03-17	3	.	0	.	0	<a href="#">get it</a>
NP-10	2001-01-02	3	.	1	.	0	<a href="#">get it</a>
correction of typo on cover page	2003-06-02	3	.	1	.	1	<a href="#">get it</a>

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**TS 24.007 Mobile radio interface signalling layer 3; General Aspects**  
R99 *current version:* 3.10.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4,CR at TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

transfer from SMG		3	.	0	.	0	not available
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
edito	2000-04-25	3	.	3	.	1	<a href="#">get it</a>
NP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
NP-09	2000-10-06	3	.	5	.	0	<a href="#">get it</a>
NP-10	2001-01-02	3	.	6	.	0	<a href="#">get it</a>
NP-11	2001-04-11	3	.	7	.	0	<a href="#">get it</a>
NP-14	2002-01-04	3	.	8	.	0	<a href="#">get it</a>
NP-16	2002-06-24	3	.	9	.	0	<a href="#">get it</a>
NP-24	2004-06-15	3	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1012

31 May 2005 21:14:39

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3**

R99 *current version:* 3.19.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-27	3	.	2	.	0	<a href="#">get it</a>
editorial correction	2000-01-04	3	.	2	.	1	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
edito	2000-04-25	3	.	3	.	1	<a href="#">get it</a>
NP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
Editorial	2000-06-23	3	.	4	.	1	<a href="#">get it</a>
NP-09	2000-10-06	3	.	5	.	0	<a href="#">get it</a>
NP-10	2001-01-03	3	.	6	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	7	.	0	<a href="#">get it</a>
edito	2001-07-06	3	.	7	.	1	<a href="#">get it</a>
NP-12	2001-07-13	3	.	8	.	0	<a href="#">get it</a>
NP-13	2001-10-03	3	.	9	.	0	<a href="#">get it</a>
NP-14	2002-01-11	3	.	10	.	0	<a href="#">get it</a>
NP-15	2002-03-22	3	.	11	.	0	<a href="#">get it</a>
NP-16	2002-06-24	3	.	12	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	13	.	0	<a href="#">get it</a>
NP-18	2003-01-02	3	.	14	.	0	<a href="#">get it</a>
NP-19	2003-03-24	3	.	15	.	0	<a href="#">get it</a>
NP-20	2003-06-27	3	.	16	.	0	<a href="#">get it</a>
NP-21	2003-10-10	3	.	17	.	0	<a href="#">get it</a>
NP-23	2004-03-22	3	.	18	.	0	<a href="#">get it</a>
NP-24	2004-06-15	3	.	19	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1013

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects**

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-03  
G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-14	2002-01-10	3	.	2	.	0	<a href="#">get it</a>

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**TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface**

R99 *current version:* 3.6.0 *WG (prime / other):* C1 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-05  
G: yes U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-06	3	.	4	.	0	<a href="#">get it</a>
NP-10	2001-01-02	3	.	5	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1014

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
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## TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

R99 *current version:* 3.5.0 *WG (prime / other):* C3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* HAN, Seung Don

*remarks - general:* CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-06	2000-01-11	3	.	2	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
edito	2000-08-17	3	.	3	.	1	<a href="#">get it</a>
NP-09	2000-10-12	3	.	4	.	0	<a href="#">get it</a>
NP-20	2003-06-23	3	.	5	.	0	<a href="#">get it</a>

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## TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

R99 *current version:* 3.3.0 *WG (prime / other):* C4 / - *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-08 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:* TSG#7:Decision to create.

*history (event, available, version, comments, hyperlink):*

NP-07	2000-03-17	3	.	0	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-12	2001-06-27	3	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-10	3	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1015

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-10	2000-12-21	3	.	1	.	0	<a href="#">get it</a>
NP-12	2001-06-27	3	.	2	.	0	<a href="#">get it</a>

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**TS 24.072 Call Deflection Supplementary Service; Stage 3**

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1016

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding**

R99 *current version:* 3.7.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3 . 0 . 0	<a href="#">get it</a>
NP-06	1999-12-17	3 . 1 . 0	<a href="#">get it</a>
NP-07	2000-03-15	3 . 2 . 0	<a href="#">get it</a>
NP-08	2000-06-23	3 . 3 . 0	<a href="#">get it</a>
NP-09	2000-10-26	3 . 4 . 0	<a href="#">get it</a>
ASN.1 annex updated	2001-01-24	3 . 4 . 1	<a href="#">get it</a>
NP-12	2001-07-04	3 . 5 . 0	<a href="#">get it</a>
NP-14	2002-01-10	3 . 6 . 0	<a href="#">get it</a>
NP-16	2002-06-21	3 . 7 . 0	<a href="#">get it</a>
editorial	2003-10-09	3 . 7 . 1	<a href="#">get it</a>

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**TS 24.081 Line Identification Supplementary Service; Stage 3**

R99 *current version:* 3.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3 . 0 . 0	<a href="#">get it</a>
NP-08	2000-06-23	3 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1017

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.082 Call Forwarding supplementary service; Stage 3

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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## TS 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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## TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1018

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3**

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

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**TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3**

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

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**TS 24.087 User-to-User Signalling (UUS); Stage 3**

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1019

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.088 Call Barring (CB) Supplementary Service; Stage 3**

R99 *current version:* 3.0.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / -

*G: yes U: yes*

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3**

R99 *current version:* 3.0.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / -

*G: yes U: yes*

*rapporteur:* HODGES, Phil

*MCC:*

KYMALAINEN, Kimmo

Telefon AB LM Ericsson

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3**

R99 *current version:* 3.0.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / -

*G: yes U: yes*

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1020

31 May 2005 21:14:40

ACTIVE specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3**

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TS 24.096 Name Identification Supplementary Service; Stage 3**

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TS 24.135 Multicall supplementary service; Stage 3**

R99 *current version:* 3.2.0 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-07 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-07 2000-03-15 3 . 0 . 0

[get it](#)

NP-08 2000-06-23 3 . 1 . 0

[get it](#)

NP-14 2002-01-10 3 . 2 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1021

31 May 2005 21:14:40

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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R99 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.101 User Equipment (UE) radio transmission and reception (FDD)**

R99 current version: 3.17.0  
freeze\_meeting: SP-05

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

*history (event, available, version, comments, hyperlink):*

Table of Contents	1999-02-04	0	0	0	<a href="#">get it</a>
and Scope					
RP-03	1999-04-23	1	0	0	<a href="#">get it</a>
RP-04	1999-06-23	2	0	0	<a href="#">get it</a>
RP-05	1999-10-13	3	0	0	<a href="#">get it</a>
RP-06	1999-12-17	3	1	0	<a href="#">get it</a>
RP-07	2000-03-15	3	2	0	<a href="#">get it</a>
Editorial	2000-03-15	3	2	1	<a href="#">get it</a>
Editorial	2000-04-25	3	2	2	<a href="#">get it</a>
RP-08	2000-06-23	3	3	0	<a href="#">get it</a>
edito	2000-07-31	3	3	1	<a href="#">get it</a>
RP-09	2000-10-13	3	4	0	<a href="#">get it</a>
edito	2000-11-10	3	4	1	<a href="#">get it</a>
RP-10	2001-01-02	3	5	0	<a href="#">get it</a>
RP-11	2001-04-05	3	6	0	<a href="#">get it</a>
RP-12	2001-06-29	3	7	0	<a href="#">get it</a>
RP-13	2001-10-03	3	8	0	<a href="#">get it</a>
RP-14	2002-01-14	3	9	0	<a href="#">get it</a>
RP-15	2002-03-29	3	10	0	<a href="#">get it</a>
RP-16	2002-07-01	3	11	0	<a href="#">get it</a>
RP-18	2003-01-10	3	12	0	<a href="#">get it</a>
RP-19	2003-04-04	3	13	0	<a href="#">get it</a>
RP-20	2003-06-27	3	14	0	<a href="#">get it</a>
RP-21	2003-10-10	3	15	0	<a href="#">get it</a>
RP-22	2004-01-20	3	16	0	<a href="#">get it</a>
RP-23	2004-04-01	3	17	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1022

31 May 2005 21:14:40

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
First complete draft	1999-03-04	1	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-29	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-03	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-14	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0	<a href="#">get it</a>
RP-16	2002-07-01	3	.	11	.	0	<a href="#">get it</a>
RP-17	2002-10-02	3	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1023

31 May 2005 21:14:40

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.104 Base Station (BS) radio transmission and reception (FDD)

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson

*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents	1999-02-04	0	.	0	.	0		<a href="#">get it</a>
and Scope								
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	2	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-13	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0		<a href="#">get it</a>
RP-12	2001-06-29	3	.	7	.	0		<a href="#">get it</a>
RP-13	2001-10-03	3	.	8	.	0		<a href="#">get it</a>
RP-14	2002-01-14	3	.	9	.	0		<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0		<a href="#">get it</a>
RP-18	2003-01-10	3	.	11	.	0		<a href="#">get it</a>
RP-19	2003-04-04	3	.	12	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1024

31 May 2005 21:14:40

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.105 Base Station (BS) radio transmission and reception (TDD)

R99 current version: 3.13.0

freeze\_meeting: SP-05

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

First complete draft	1999-03-04	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	1	.	1	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-11	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0		<a href="#">get it</a>
RP-12	2001-06-29	3	.	7	.	0		<a href="#">get it</a>
RP-13	2001-10-03	3	.	8	.	0		<a href="#">get it</a>
RP-14	2002-01-16	3	.	9	.	0		<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0		<a href="#">get it</a>
RP-16	2002-07-01	3	.	11	.	0		<a href="#">get it</a>
RP-18	2003-01-10	3	.	12	.	0		<a href="#">get it</a>
RP-19	2003-04-04	3	.	13	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1025

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry  
*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	1	.	2	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
RP-09	2000-10-13	3	.	3	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1026

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.123 Requirements for support of radio resource management (TDD)

R99 current version: 3.14.0  
freeze\_meeting: SP-06

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
edito	2000-04-27	3	.	1	.	1	<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
RP-09	2000-10-11	3	.	3	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	5	.	0	<a href="#">get it</a>
RP-12	2001-06-29	3	.	6	.	0	<a href="#">get it</a>
RP-13	2001-10-03	3	.	7	.	0	<a href="#">get it</a>
RP-14	2002-01-16	3	.	8	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	9	.	0	<a href="#">get it</a>
RP-16	2002-07-03	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-10-04	3	.	11	.	0	<a href="#">get it</a>
RP-19	2003-04-04	3	.	12	.	0	<a href="#">get it</a>
RP-20	2003-07-01	3	.	13	.	0	<a href="#">get it</a>
RP-22	2004-01-20	3	.	14	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1027

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.133 Requirements for support of radio resource management (FDD)

R99 current version: 3.20.0

freeze\_meeting: SP-06

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	3	.	0	<a href="#">get it</a>
RP-10	2001-01-09	3	.	4	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	5	.	0	<a href="#">get it</a>
RP-12	2001-06-29	3	.	6	.	0	<a href="#">get it</a>
RP-13	2001-10-03	3	.	7	.	0	<a href="#">get it</a>
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RP-15	2002-03-19	3	.	9	.	0	<a href="#">get it</a>
RP-16	2002-07-04	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-10-04	3	.	11	.	0	<a href="#">get it</a>
RP-18	2003-01-10	3	.	12	.	0	<a href="#">get it</a>
RP-19	2003-04-04	3	.	13	.	0	<a href="#">get it</a>
RP-20	2003-07-01	3	.	14	.	0	<a href="#">get it</a>
RP-21	2003-10-10	3	.	15	.	0	<a href="#">get it</a>
RP-22	2004-01-23	3	.	16	.	0	<a href="#">get it</a>
RP-23	2004-04-01	3	.	17	.	0	<a href="#">get it</a>
RP-24	2004-06-24	3	.	18	.	0	<a href="#">get it</a>
RP-25	2004-09-30	3	.	19	.	0	<a href="#">get it</a>
RP-27	2005-04-01	3	.	20	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1028

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.141 Base Station (BS) conformance testing (FDD)

R99 current version: 3.13.0

freeze\_meeting: SP-06

WG (prime / other): R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

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RP-03	1999-04-23	0	.	1	.	0	<a href="#">get it</a>
RP-04	1999-06-23	1	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	2	.	0	.	2	<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
RP-09	2000-10-11	3	.	3	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0	<a href="#">get it</a>
edito	2001-01-09	3	.	4	.	1	<a href="#">get it</a>
RP-11	2001-04-05	3	.	5	.	0	<a href="#">get it</a>
RP-12	2001-06-29	3	.	6	.	0	<a href="#">get it</a>
RP-13	2001-10-03	3	.	7	.	0	<a href="#">get it</a>
RP-14	2002-01-16	3	.	8	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	9	.	0	<a href="#">get it</a>
RP-16	2002-07-04	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-10-04	3	.	11	.	0	<a href="#">get it</a>
RP-18	2003-01-10	3	.	12	.	0	<a href="#">get it</a>
RP-19	2003-04-04	3	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1029

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.142 Base Station (BS) conformance testing (TDD)

R99 current version: 3.13.0

freeze\_meeting: SP-06

WG (prime / other): R4 / - rapporteur: MEYER, Juergen SIEMENS AG

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	0	.	0	.	1		<a href="#">get it</a>
RP-05	1999-10-13	2	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
edito	2000-07-31	3	.	2	.	1		<a href="#">get it</a>
RP-09	2000-10-11	3	.	3	.	0		<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0		<a href="#">get it</a>
RP-11	2001-04-05	3	.	5	.	0		<a href="#">get it</a>
RP-12	2001-06-29	3	.	6	.	0		<a href="#">get it</a>
RP-13	2001-10-03	3	.	7	.	0		<a href="#">get it</a>
RP-14	2002-01-16	3	.	8	.	0		<a href="#">get it</a>
RP-15	2002-03-29	3	.	9	.	0		<a href="#">get it</a>
RP-16	2002-07-04	3	.	10	.	0		<a href="#">get it</a>
RP-17	2002-10-04	3	.	11	.	0		<a href="#">get it</a>
RP-18	2003-01-10	3	.	12	.	0		<a href="#">get it</a>
RP-19	2003-04-04	3	.	13	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1030

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.201 Physical layer - general description

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1998-10-16	0	.	0	.	0	<a href="#">get it</a>
First complete draft	1999-02-15	1	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	2	.	1	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	0	.	2	<a href="#">get it</a>
RP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	2	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	3	.	0	<a href="#">get it</a>
RP-16	2002-06-28	3	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1031

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99 *current version:* 3.12.0 *WG (prime / other):* R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB  
*freeze\_meeting:* SP-05 *G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
First complete draft	1999-03-04	1	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	2	.	1	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0	<a href="#">get it</a>
RP-16	2002-06-28	3	.	11	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1032

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.212 Multiplexing and channel coding (FDD)

R99 *current version:* 3.11.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* MICHEL, Jürgen  
*G:* U: yes *MCC:* ISHII, Yoshikazu

SIEMENS AG

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	2	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	6	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	7	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	8	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	9	.	0	<a href="#">get it</a>
RP-16	2002-06-28	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1033

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.213 Spreading and modulation (FDD)**

R99 *current version:* 3.9.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
draft	1999-03-04	1	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	2	.	1	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	5	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	6	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	7	.	0	<a href="#">get it</a>
RP-16	2002-06-28	3	.	8	.	0	<a href="#">get it</a>
RP-22	2004-01-14	3	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1034

31 May 2005 21:14:41

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.12.0

freeze\_meeting: SP-05

WG (prime / other): R1 / - rapporteur: BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: ISHII, Yoshikazu

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	1	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	11	.	0	<a href="#">get it</a>
RP-19	2003-04-04	3	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1035

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.215 Physical layer; Measurements (FDD)**

R99 *current version:* 3.13.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* SUZUKI, Hidetoshi

Panasonic Mobile Communications Co.,Ltd.

*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	11	.	0	<a href="#">get it</a>
RP-20	2003-06-27	3	.	12	.	0	<a href="#">get it</a>
RP-27	2005-03-29	3	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1036

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99 *current version:* 3.11.0 *WG (prime / other):* R1 / - *rapporteur:* CHAPMAN, Thomas SIEMENS AG  
*freeze\_meeting:* SP-05 G: U: yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	1	.	1	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1037

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.222 Multiplexing and channel coding (TDD)

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin  
*G:* U: yes *MCC:* ISHII, Yoshikazu

IPWireless Inc.

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents	1999-02-04	0	.	0	.	0		<a href="#">get it</a>
and Scope								
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	2	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
edito	2000-05-03	3	.	2	.	1		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0		<a href="#">get it</a>
RP-13	2001-10-08	3	.	7	.	0		<a href="#">get it</a>
RP-15	2002-03-29	3	.	8	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	9	.	0		<a href="#">get it</a>
RP-17	2002-09-27	3	.	10	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1038

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:*  
G: U: yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Creation of WI by	1999-01-15	0	.	0	.	0		<a href="#">get it</a>
WG/TB								
First complete draft	1999-03-04	1	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	2	.	1	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0		<a href="#">get it</a>
RP-11	2001-04-05	3	.	5	.	0		<a href="#">get it</a>
RP-12	2001-06-28	3	.	6	.	0		<a href="#">get it</a>
RP-13	2001-10-08	3	.	7	.	0		<a href="#">get it</a>
RP-15	2002-03-29	3	.	8	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1039

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.13.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* RUDOLF, Marian  
*G:* U: yes *MCC:* ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-29	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	11	.	0	<a href="#">get it</a>
RP-18	2003-01-07	3	.	12	.	0	<a href="#">get it</a>
RP-21	2003-09-29	3	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1040

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.225 Physical layer; Measurements (TDD)**

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* CZAPLA, Liliana  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

INTERDIGITAL COMMUNICATIONS CORPORATION

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-28	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-08	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-09	3	.	9	.	0	<a href="#">get it</a>
RP-16	2002-06-28	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-27	3	.	11	.	0	<a href="#">get it</a>
RP-20	2003-06-27	3	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1041

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.301 Radio interface protocol architecture

R99 *current version:* 3.11.0

*freeze\_meeting:* SP-03

*WG (prime / other):* R2 / - *rapporteur:* EKEMARK, Sven  
*G:* U: yes *MCC:* ARZELIER, Claude

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
First complete draft	1999-03-04	1	.	0	.	0	<a href="#">get it</a>
WG approval	1999-04-16	2	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
RP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
RP-08	2000-06-30	3	.	5	.	0	<a href="#">get it</a>
RP-09	2000-10-16	3	.	6	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	7	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	9	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	10	.	0	<a href="#">get it</a>
RP-17	2002-09-18	3	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1042

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.302 Services provided by the physical layer

R99 *current version:* 3.16.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
First complete draft	1999-03-04	1	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	2	.	3	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	2	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
RP-09	2000-10-16	3	.	6	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	7	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	8	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	9	.	0	<a href="#">get it</a>
RP-13	2001-10-02	3	.	10	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	11	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	12	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	13	.	0	<a href="#">get it</a>
RP-17	2002-09-18	3	.	14	.	0	<a href="#">get it</a>
RP-18	2002-12-20	3	.	15	.	0	<a href="#">get it</a>
RP-21	2003-10-02	3	.	16	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1043

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.303 Interlayer procedures in Connected Mode

R99 current version: 3.12.0

freeze\_meeting: SP-04

WG (prime / other): R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation  
G: U: yes MCC: ARZELIER, Claude

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
First complete draft	1999-03-04	1	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	2	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
RP-09	2000-10-16	3	.	5	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	6	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	7	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	8	.	0	<a href="#">get it</a>
RP-13	2001-10-02	3	.	9	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	10	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	11	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1044

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode**

R99 *current version:* 3.14.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R2 / - *rapporteur:*

G: U: yes

*MCC:*

BARRETO, Luis

ARZELIER, Claude

NOKIA UK Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Start of work	1999-01-15	0	.	1	.	1		<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	1	.	2	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-16	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-22	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-03-27	3	.	6	.	0		<a href="#">get it</a>
RP-12	2001-06-27	3	.	7	.	0		<a href="#">get it</a>
RP-13	2001-10-02	3	.	8	.	0		<a href="#">get it</a>
RP-14	2002-01-04	3	.	9	.	0		<a href="#">get it</a>
RP-15	2002-03-19	3	.	10	.	0		<a href="#">get it</a>
RP-16	2002-06-17	3	.	11	.	0		<a href="#">get it</a>
RP-18	2003-01-08	3	.	12	.	0		<a href="#">get it</a>
RP-20	2003-06-25	3	.	13	.	0		<a href="#">get it</a>
RP-23	2004-03-24	3	.	14	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1045

31 May 2005 21:14:42

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2**

R99 *current version:* 3.11.0

*freeze\_meeting:* RP-07

*WG (prime / other):* R2 / -

*G:* *U:* yes

*rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

*MCC:* ARZELIER, Claude

*remarks - general:* Created from 25.923

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-05	1999-10-13	1	.	4	.	0	<a href="#">get it</a>
RP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
RP-09	2000-10-16	3	.	3	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	5	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	6	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	7	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	8	.	0	<a href="#">get it</a>
RP-20	2003-06-20	3	.	9	.	0	<a href="#">get it</a>
RP-21	2003-10-02	3	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-12	3	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1046

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.306 UE Radio Access capabilities definition

R99 current version: 3.10.0

freeze\_meeting: SP-10

WG (prime / other): R2 / - rapporteur: BERGGREN, Anders Ericsson Incorporated

G: U: yes MCC: ARZELIER, Claude

remarks - general: Converted from TR 25.926 at TSG#10.

remarks - this release: Converted from TR 25.926 v3.2.0 Nov 00.

history (event, available, version, comments, hyperlink):

RP-10	2000-12-22	3	.	0	.	0		<a href="#">get it</a>
RP-11	2001-03-27	3	.	1	.	0		<a href="#">get it</a>
RP-12	2001-06-19	3	.	2	.	0		<a href="#">get it</a>
RP-13	2001-10-02	3	.	3	.	0		<a href="#">get it</a>
RP-14	2002-01-04	3	.	4	.	0		<a href="#">get it</a>
RP-15	2002-03-19	3	.	5	.	0		<a href="#">get it</a>
RP-16	2002-06-17	3	.	6	.	0		<a href="#">get it</a>
RP-18	2003-01-08	3	.	7	.	0		<a href="#">get it</a>
RP-20	2003-06-20	3	.	8	.	0		<a href="#">get it</a>
RP-21	2003-10-02	3	.	9	.	0		<a href="#">get it</a>
RP-22	2004-01-12	3	.	10	.	0		<a href="#">get it</a>

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## TS 25.307 Requirements on User Equipments (Ues) supporting a release-independent frequency band

R99 current version: 3.4.0

freeze\_meeting: RP-13

WG (prime / other): R2 / R4 rapporteur: FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

G: U: yes MCC: ARZELIER, Claude

remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements.

remarks - this release: Expect continual updates each time a new band is allowed.

history (event, available, version, comments, hyperlink):

RP-12	2001-06-27	2	.	0	.	0	RP-010326, to be approved RP-13.	<a href="#">get it</a>
RP-13	2001-10-01	2	.	1	.	0	RP-010557, but not for approval? - debate!	<a href="#">get it</a>
RP-13	2001-10-02	3	.	0	.	0	Was approved after all!	<a href="#">get it</a>
RP-14	2002-01-04	3	.	1	.	0		<a href="#">get it</a>
RP-22	2004-01-12	3	.	2	.	0		<a href="#">get it</a>
RP-23	2004-03-24	3	.	3	.	0		<a href="#">get it</a>
RP-25	2004-09-23	3	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1047

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.321 Medium Access Control (MAC) protocol specification

R99 *current version:* 3.17.0

*freeze\_meeting:* TP-04

*WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG

*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
draft	1999-03-04	1	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	2	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
RP-09	2000-10-16	3	.	5	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	6	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	7	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	8	.	0	<a href="#">get it</a>
RP-13	2001-10-02	3	.	9	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	10	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	11	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	12	.	0	<a href="#">get it</a>
RP-17	2002-09-18	3	.	13	.	0	<a href="#">get it</a>
RP-18	2003-01-08	3	.	14	.	0	<a href="#">get it</a>
RP-19	2003-03-25	3	.	15	.	0	<a href="#">get it</a>
RP-21	2003-10-02	3	.	16	.	0	<a href="#">get it</a>
RP-24	2004-06-17	3	.	17	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1048

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.322 Radio Link Control (RLC) protocol specification

R99 *current version:* 3.18.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier  
*G:* U: yes *MCC:* ARZELIER, Claude

Philips Research Laboratories

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	1	.	1	.	0	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-16	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-03	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	10	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	11	.	0	<a href="#">get it</a>
RP-17	2002-09-19	3	.	12	.	0	<a href="#">get it</a>
RP-18	2003-01-10	3	.	13	.	0	<a href="#">get it</a>
RP-19	2003-03-25	3	.	14	.	0	<a href="#">get it</a>
RP-20	2003-06-20	3	.	15	.	0	<a href="#">get it</a>
RP-21	2003-10-02	3	.	16	.	0	<a href="#">get it</a>
RP-22	2004-01-12	3	.	17	.	0	<a href="#">get it</a>
RP-24	2004-06-17	3	.	18	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1049

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.323 Packet Data Convergence Protocol (PDCP) specification**

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-06

*WG (prime / other):* R2 / - *rapporteur:* HANS, Martin  
*G:* U: yes *MCC:* ARZELIER, Claude

INFINEON TECHNOLOGIES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-05	1999-10-13	0	.	1	.	0	<a href="#">get it</a>
RP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
RP-09	2000-10-06	3	.	3	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	4	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	5	.	0	<a href="#">get it</a>
RP-13	2001-10-02	3	.	6	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	7	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	8	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	9	.	0	<a href="#">get it</a>
RP-17	2002-09-18	3	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1050

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.324 Broadcast/Multicast Control (BMC)**

R99 *current version:* 3.9.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-05	1999-10-13	0	.	1	.	0	<a href="#">get it</a>
RP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
RP-09	2000-10-06	3	.	2	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	3	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	4	.	0	<a href="#">get it</a>
RP-16	2002-06-17	3	.	5	.	0	<a href="#">get it</a>
RP-18	2003-01-13	3	.	6	.	0	<a href="#">get it</a>
RP-19	2003-03-25	3	.	7	.	0	<a href="#">get it</a>
RP-24	2004-06-17	3	.	8	.	0	<a href="#">get it</a>
RP-26	2005-01-04	3	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1051

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.21.0

freeze\_meeting: SP-05

WG (prime / other): R2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd

G: U: yes MCC: ARZELIER, Claude

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

Table of Contents and Scope	1999-02-04	0	0	0	<a href="#">get it</a>
First complete draft	1999-03-04	1	0	0	<a href="#">get it</a>
RP-04	1999-06-23	1	1	0	<a href="#">get it</a>
RP-05	1999-10-13	3	0	0	<a href="#">get it</a>
RP-06	1999-12-12	3	1	0	<a href="#">get it</a>
RP-07	2000-03-15	3	2	0	<a href="#">get it</a>
RP-08	2000-06-23	3	3	0	<a href="#">get it</a>
RP-09	2000-10-06	3	4	0	<a href="#">get it</a>
removal of CR 520	2000-10-06	3	4	1	<a href="#">get it</a>
RP-10	2000-12-21	3	5	0	<a href="#">get it</a>
RP-11	2001-03-27	3	6	0	<a href="#">get it</a>
RP-12	2001-06-27	3	7	0	<a href="#">get it</a>
RP-13	2001-10-01	3	8	0	<a href="#">get it</a>
RP-14	2002-01-04	3	9	0	<a href="#">get it</a>
RP-15	2002-03-25	3	10	0	<a href="#">get it</a>
RP-16	2002-06-17	3	11	0	<a href="#">get it</a>
RP-17	2002-09-18	3	12	0	<a href="#">get it</a>
RP-18	2003-01-09	3	13	0	<a href="#">get it</a>
RP-19	2003-03-25	3	14	0	<a href="#">get it</a>
RP-20	2003-06-20	3	15	0	<a href="#">get it</a>
RP-21	2003-10-02	3	16	0	<a href="#">get it</a>
RP-22	2004-01-12	3	17	0	<a href="#">get it</a>
RP-23	2004-03-24	3	18	0	<a href="#">get it</a>
RP-24	2004-06-22	3	19	0	<a href="#">get it</a>
RP-25	2004-09-27	3	20	0	<a href="#">get it</a>
RP-26	2004-12-23	3	21	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1052

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.401 UTRAN overall description

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)  
*G:* U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* Approval at TSG#5

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0		<a href="#">get it</a>
First complete draft	1999-03-04	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	1	.	1	.	1		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0		<a href="#">get it</a>
RP-12	2001-07-06	3	.	7	.	0		<a href="#">get it</a>
RP-13	2001-10-12	3	.	8	.	0		<a href="#">get it</a>
RP-15	2002-04-02	3	.	9	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	10	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1053

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.402 Synchronization in UTRAN Stage 2**

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-06

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* New

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-05	1999-10-13	0	.	0	.	1	<a href="#">get it</a>
RP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
RP-09	2000-10-05	3	.	3	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0	<a href="#">get it</a>
RP-11	2001-04-06	3	.	5	.	0	<a href="#">get it</a>
RP-12	2001-07-06	3	.	6	.	0	<a href="#">get it</a>
RP-13	2001-10-12	3	.	7	.	0	<a href="#">get it</a>
RP-14	2002-01-11	3	.	8	.	0	<a href="#">get it</a>
RP-15	2002-04-02	3	.	9	.	0	<a href="#">get it</a>
RP-16	2002-06-28	3	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1054

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 current version: 3.8.0

freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: DIESEN, Michael MOTOROLA Ltd  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general: Approval at TSG#5

remarks - this release:

### history (event, available, version, comments, hyperlink):

draft	1999-03-04	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	0		<a href="#">get it</a>
RP-04	1999-06-23	0	.	2	.	1		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	3	.	0		<a href="#">get it</a>
RP-12	2001-07-06	3	.	4	.	0		<a href="#">get it</a>
RP-13	2001-10-12	3	.	5	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	6	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	7	.	0		<a href="#">get it</a>
RP-17	2002-09-30	3	.	8	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1055

31 May 2005 21:14:43

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.411 UTRAN lu interface layer 1

R99 *current version:* 3.5.0

*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
TB adoption of WI	1999-01-15	0	.	0	.	0		<a href="#">get it</a>
Creation of WI by	1999-01-15	0	.	0	.	0		<a href="#">get it</a>
WG/TB								
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	3	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	4	.	0		<a href="#">get it</a>
RP-12	2001-07-06	3	.	5	.	0		<a href="#">get it</a>

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## TS 25.412 UTRAN lu interface signalling transport

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents	1999-02-04	0	.	0	.	0		<a href="#">get it</a>
and Scope								
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
RP-06	1999-12-17	3	.	2	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	3	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	4	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	5	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	6	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1056

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

R99 current version: 3.14.0

freeze\_meeting: RP-06

WG (prime / other): R3 / - rapporteur: HUBER, Alois SIEMENS AG

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

	draft	1999-02-04	0	.	0	.	0		<a href="#">get it</a>
	RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
	RP-04	1999-06-23	1	.	0	.	2		<a href="#">get it</a>
	RP-05	1999-10-13	1	.	3	.	1		<a href="#">get it</a>
	RP-06	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
	RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
	RP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
	RP-09	2000-10-05	3	.	3	.	0		<a href="#">get it</a>
	RP-10	2000-12-22	3	.	4	.	0		<a href="#">get it</a>
	RP-11	2001-04-06	3	.	5	.	0		<a href="#">get it</a>
	RP-12	2001-07-06	3	.	6	.	0		<a href="#">get it</a>
	RP-13	2001-10-12	3	.	7	.	0		<a href="#">get it</a>
	RP-14	2002-01-14	3	.	8	.	0		<a href="#">get it</a>
	RP-15	2002-04-02	3	.	9	.	0		<a href="#">get it</a>
	RP-16	2002-07-05	3	.	10	.	0		<a href="#">get it</a>
	RP-17	2002-09-30	3	.	11	.	0		<a href="#">get it</a>
edito post	RP-17	2002-10-03	3	.	11	.	1		<a href="#">get it</a>
	RP-18	2003-01-03	3	.	12	.	0		<a href="#">get it</a>
	RP-20	2003-06-17	3	.	13	.	0		<a href="#">get it</a>
	RP-21	2003-09-30	3	.	14	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1057

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.414 UTRAN Iu interface data transport & transport signalling

R99 current version: 3.13.0

freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-02-04	0	.	0	.	0		<a href="#">get it</a>
draft	1999-03-04	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	2	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	3	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	4	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	5	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	6	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	7	.	0		<a href="#">get it</a>
RP-13	2001-10-12	3	.	8	.	0		<a href="#">get it</a>
RP-14	2002-01-14	3	.	9	.	0		<a href="#">get it</a>
RP-15	2002-04-02	3	.	10	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	11	.	0		<a href="#">get it</a>
RP-18	2003-01-03	3	.	12	.	0		<a href="#">get it</a>
RP-19	2003-03-26	3	.	13	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1058

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.415 UTRAN Iu interface user plane protocols

R99 *current version:* 3.12.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson

*G:* U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

WG approval	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	0		<a href="#">get it</a>
RP-04	1999-06-23	0	.	1	.	3		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0		<a href="#">get it</a>
RP-12	2001-07-06	3	.	7	.	0		<a href="#">get it</a>
RP-13	2001-10-12	3	.	8	.	0		<a href="#">get it</a>
RP-14	2002-01-14	3	.	9	.	0		<a href="#">get it</a>
RP-15	2002-03-25	3	.	10	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	11	.	0		<a href="#">get it</a>
RP-17	2002-09-26	3	.	12	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1059

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 current version: 3.11.0

freeze\_meeting: SP-07

WG (prime / other): R3 / - rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-06	1999-12-17	0 . 0 . 0		<a href="#">get it</a>
RP-07		2 . 0 . 0	RP-000113	
RP-07	2000-03-15	3 . 0 . 0		<a href="#">get it</a>
RP-08	2000-06-23	3 . 1 . 0		<a href="#">get it</a>
RP-09	2000-10-05	3 . 2 . 0		<a href="#">get it</a>
RP-10	2000-12-21	3 . 3 . 0		<a href="#">get it</a>
RP-11	2001-04-06	3 . 4 . 0		<a href="#">get it</a>
RP-12	2001-07-06	3 . 5 . 0		<a href="#">get it</a>
RP-13	2001-10-12	3 . 6 . 0		<a href="#">get it</a>
RP-14	2002-01-11	3 . 7 . 0		<a href="#">get it</a>
RP-15	2002-04-02	3 . 8 . 0		<a href="#">get it</a>
RP-16	2002-06-28	3 . 9 . 0		<a href="#">get it</a>
RP-17	2002-09-30	3 . 10 . 0		<a href="#">get it</a>
RP-20	2003-06-17	3 . 11 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1060

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.420 UTRAN Iur Interface: General Aspects and Principles**

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	1	.	0	<a href="#">get it</a>
RP-04	1999-06-23	0	.	1	.	3	<a href="#">get it</a>
RP-05	1999-10-13	1	.	0	.	1	<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
RP-09	2000-10-05	3	.	2	.	0	<a href="#">get it</a>
RP-11	2001-04-05	3	.	3	.	0	<a href="#">get it</a>
RP-14	2002-01-11	3	.	4	.	0	<a href="#">get it</a>
RP-15	2002-04-02	3	.	5	.	0	<a href="#">get it</a>

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**TS 25.421 UTRAN Iur interface Layer 1**

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
RP-11	2001-04-06	3	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1061

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.422 UTRAN Iur interface signalling transport

R99 current version: 3.6.1  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: PALAT, Sudeep Lucent Technologies Network Systems UK  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	0		<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	2	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	3	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	4	.	0		<a href="#">get it</a>
edito	2000-10-05	3	.	4	.	1		<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	6	.	0		<a href="#">get it</a>
edito post	RP-14 2002-04-02	3	.	6	.	1		<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1062

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

R99 current version: 3.14.2

freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	1	.	1	.	1		<a href="#">get it</a>
RP-05	1999-10-13	1	.	4	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	3	.	0		<a href="#">get it</a>
RP-10	2001-01-02	3	.	4	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	5	.	0		<a href="#">get it</a>
RP-12	2001-07-06	3	.	6	.	0		<a href="#">get it</a>
RP-13	2001-10-12	3	.	7	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	8	.	0		<a href="#">get it</a>
RP-15	2002-04-02	3	.	9	.	0		<a href="#">get it</a>
RP-16	2002-07-05	3	.	10	.	0		<a href="#">get it</a>
RP-17	2002-09-30	3	.	11	.	0		<a href="#">get it</a>
RP-18	2003-01-03	3	.	12	.	0		<a href="#">get it</a>
RP-19	2003-03-26	3	.	13	.	0		<a href="#">get it</a>
RP-21	2003-09-30	3	.	14	.	0		<a href="#">get it</a>
RP-24	2004-06-18	3	.	14	.	1	ASN.1 editorials	<a href="#">get it</a>
post RP-24 edito	2004-07-22	3	.	14	.	2	Correction of typo in history box.	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1063

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams**

R99 current version: 3.9.0  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	7	.	0		<a href="#">get it</a>
RP-15	2002-04-02	3	.	8	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	9	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1064

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams**

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	0		<a href="#">get it</a>
RP-04	1999-06-23	0	.	2	.	0		<a href="#">get it</a>
RP-05	1999-10-13	0	.	2	.	5		<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	3	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	4	.	0		<a href="#">get it</a>
RP-13	2001-10-12	3	.	5	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	6	.	0		<a href="#">get it</a>
RP-15	2002-04-02	3	.	7	.	0		<a href="#">get it</a>
RP-22	2004-01-13	3	.	8	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1065

31 May 2005 21:14:44

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams**

R99 *current version:* 3.9.0  
*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

WG approval	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	4	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	7	.	0		<a href="#">get it</a>
RP-15	2002-04-04	3	.	8	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	9	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1066

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

R99 current version: 3.11.0  
freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: HAKULI, Tuomas NOKIA Corporation  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	1	.	0	<a href="#">get it</a>
RP-04	1999-06-23	0	.	2	.	1	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-05	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-07-06	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-12	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-11	3	.	9	.	0	<a href="#">get it</a>
RP-18	2003-01-03	3	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-13	3	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1067

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.430 UTRAN lub Interface: General Aspects and Principles

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

WG approval	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	0		<a href="#">get it</a>
RP-04	1999-06-23	0	.	1	.	2		<a href="#">get it</a>
RP-05	1999-10-13	2	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	3	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	4	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	5	.	0		<a href="#">get it</a>
RP-12	2001-07-06	3	.	6	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	7	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	8	.	0		<a href="#">get it</a>

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## TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
Creation of WI by	1999-01-15	0	.	0	.	0		<a href="#">get it</a>
WG/TB								
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1068

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.432 UTRAN Iub interface: signalling transport**

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04

*WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

WG approval	1999-03-19	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1069

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.433 UTRAN Iub interface NBAP signalling

R99 current version: 3.14.2

freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: SEHEDIC, Yann Nortel Networks Germany GmbH & Co. KG

G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

WG approval	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	1	.	0	.	2		<a href="#">get it</a>
RP-05	1999-10-13	1	.	3	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	3	.	0		<a href="#">get it</a>
RP-10	2000-12-22	3	.	4	.	0		<a href="#">get it</a>
edito	2001-02-01	3	.	4	.	1		<a href="#">get it</a>
RP-11	2001-04-06	3	.	5	.	0		<a href="#">get it</a>
RP-12	2001-07-06	3	.	6	.	0		<a href="#">get it</a>
RP-13	2001-10-12	3	.	7	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	8	.	0		<a href="#">get it</a>
RP-15	2002-04-04	3	.	9	.	0		<a href="#">get it</a>
RP-16	2002-07-19	3	.	10	.	0		<a href="#">get it</a>
RP-17	2002-09-30	3	.	11	.	0		<a href="#">get it</a>
RP-18	2003-01-03	3	.	12	.	0		<a href="#">get it</a>
RP-19	2003-03-31	3	.	13	.	0		<a href="#">get it</a>
RP-21	2003-09-30	3	.	14	.	0		<a href="#">get it</a>
RP-24	2004-06-18	3	.	14	.	1	ASN.1 editorials	<a href="#">get it</a>
post-RP-25	2004-09-24	3	.	14	.	2	ASN.1 editorials	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1070

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.434 UTRAN Iub interface data transport & transport signalling for CCH data streams**

R99 current version: 3.8.0  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: LAVASANI, Shahab TeliaSonera AB  
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

draft	1999-03-19	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	3	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	4	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	5	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	6	.	0		<a href="#">get it</a>
RP-15	2002-04-02	3	.	7	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	8	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1071

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99 *current version:* 3.11.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	1	.	0	<a href="#">get it</a>
RP-04	1999-06-23	0	.	2	.	1	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	1	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
RP-09	2000-10-10	3	.	4	.	0	<a href="#">get it</a>
RP-10	2000-12-21	3	.	5	.	0	<a href="#">get it</a>
RP-11	2001-04-06	3	.	6	.	0	<a href="#">get it</a>
RP-12	2001-07-06	3	.	7	.	0	<a href="#">get it</a>
RP-13	2001-10-12	3	.	8	.	0	<a href="#">get it</a>
RP-14	2002-01-11	3	.	9	.	0	<a href="#">get it</a>
RP-15	2002-04-02	3	.	10	.	0	<a href="#">get it</a>
RP-22	2004-01-13	3	.	11	.	0	<a href="#">get it</a>

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## TS 25.442 UTRAN implementation-specific O&M transport

R99 *current version:* 3.1.0

*freeze\_meeting:* SP-05

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Alexander Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
RP-04	1999-06-23	0	.	0	.	2	<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1072

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.832 Manifestations of Handover and SRNS relocation**

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R3 / - *rapporteur:* TOWNEND, Richard O2 plc  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft	1999-03-04	0	.	0	.	0		<a href="#">get it</a>
WG approval	1999-03-19	1	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	2	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	2	.	1	.	1		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>

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**TR 25.833 Physical layer items not for inclusion in Release 99**

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:* Created Jan 2000 (aka R1.03)

*remarks - this release:* 2003-11-28: WG Chairman intends that this be brought under change control at RP-22.

*history (event, available, version, comments, hyperlink):*

RP-08	2001-01-12	1	.	1	.	0		<a href="#">get it</a>
RP-22		2	.	0	.	0	RP-030645	
RP-22	2004-01-14	3	.	0	.	0		<a href="#">get it</a>

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**TR 25.853 Delay budget within the access stratum**

R99 *current version:* 3.1.0  
*freeze\_meeting:* RP-11

*WG (prime / other):* R3 / - *rapporteur:* VON BRANDT, Armin SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* Was 25.932. Approved and renumbered at TSG#10.

*remarks - this release:* TSG#10:3.0.0 (is evidently R99 not Rel-4)

*history (event, available, version, comments, hyperlink):*

draft	2001-04-06	0	.	0	.	0		<a href="#">get it</a>
RP-10	2000-12-22	3	.	0	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1073

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.921 Guidelines and principles for protocol description and error handling**

R99 *current version:* 3.11.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R2 / - *rapporteur:* BARRETO, Luis NOKIA UK Ltd  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-02-04	0	.	0	.	0	<a href="#">get it</a>
RP-03	1999-04-23	1	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	1	.	3	.	0	<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	2	.	0	<a href="#">get it</a>
RP-11	2001-03-27	3	.	3	.	0	<a href="#">get it</a>
RP-12	2001-06-19	3	.	4	.	0	<a href="#">get it</a>
RP-13	2001-10-02	3	.	5	.	0	<a href="#">get it</a>
RP-14	2002-01-04	3	.	6	.	0	<a href="#">get it</a>
RP-15	2002-03-19	3	.	7	.	0	<a href="#">get it</a>
RP-18	2003-01-13	3	.	8	.	0	<a href="#">get it</a>
RP-21	2003-10-02	3	.	9	.	0	<a href="#">get it</a>
RP-23	2004-03-26	3	.	10	.	0	<a href="#">get it</a>
RP-24	2004-06-17	3	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1074

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.922 Radio resource management strategies**

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier  
*G:* *U:* yes *MCC:* ARZELIER, Claude

Philips Research Laboratories

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft	1999-03-04	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	1		<a href="#">get it</a>
RP-04	1999-06-23	0	.	2	.	0		<a href="#">get it</a>
RP-05	1999-10-13	0	.	5	.	0		<a href="#">get it</a>
RP-06	1999-12-12	3	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
RP-09	2000-10-16	3	.	3	.	0		<a href="#">get it</a>
RP-10	2000-12-20	3	.	4	.	0		<a href="#">get it</a>
RP-11	2001-03-27	3	.	5	.	0		<a href="#">get it</a>
RP-13	2001-10-02	3	.	6	.	0		<a href="#">get it</a>
RP-15	2002-03-19	3	.	7	.	0		<a href="#">get it</a>
RP-23	2004-03-24	3	.	8	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1075

31 May 2005 21:14:45

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.925 Radio Interface for Broadcast/Multicast Services**

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R2 / - *rapporteur:* KRISCHAN, Peter Vodafone D2 GmbH  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft	1999-03-04	0	.	0	.	0		<a href="#">get it</a>
RP-03	1999-04-23	0	.	0	.	2		<a href="#">get it</a>
RP-04	1999-06-23	0	.	1	.	0		<a href="#">get it</a>
RP-05	1999-10-13	0	.	2	.	0		<a href="#">get it</a>
RP-06	1999-12-21	3	.	0	.	0		<a href="#">get it</a>
RP-07	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
RP-09	2000-10-06	3	.	2	.	0		<a href="#">get it</a>
RP-10	2000-12-20	3	.	3	.	0		<a href="#">get it</a>
RP-11	2001-03-27	3	.	4	.	0		<a href="#">get it</a>
RP-26	2004-12-23	3	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1076

31 May 2005 21:14:46

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.931 UTRAN Functions, examples on signalling procedures**

R99 *current version:* 3.7.0

*freeze\_meeting:* SP-07

*WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.

*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-23	1	.	1	.	1		<a href="#">get it</a>
RP-05	1999-10-13	1	.	2	.	2		<a href="#">get it</a>
RP-07	2000-03-15	1	.	2	.	4	RP-000125	<a href="#">get it</a>
RP-08	2000-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-21	3	.	2	.	0		<a href="#">get it</a>
RP-11	2001-04-06	3	.	3	.	0		<a href="#">get it</a>
RP-12	2001-07-05	3	.	4	.	0		<a href="#">get it</a>
RP-14	2002-01-11	3	.	5	.	0		<a href="#">get it</a>
RP-15	2002-04-02	3	.	6	.	0		<a href="#">get it</a>
RP-16	2002-06-28	3	.	7	.	0		<a href="#">get it</a>

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**TR 25.941 Document structure**

R99 *current version:* 3.1.0

*freeze\_meeting:* RP-06

*WG (prime / other):* R4 / - *rapporteur:* TAKAMI, Tadao NTT DoCoMo Inc

*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	1		<a href="#">get it</a>
RP-04	1999-06-23	1	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-17	3	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1077

31 May 2005 21:14:46

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.942 Radio Frequency (RF) system scenarios

R99 current version: 3.3.0

freeze\_meeting: SP-11

WG (prime / other): R4 / - rapporteur: BENABDALLAH, Nadia Vodafone Omnitel N.V

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general: Additional rapporteur = A.De Pasquale.

remarks - this release:

history (event, available, version, comments, hyperlink):

RP-03	1999-04-23	0	.	0	.	2	<a href="#">get it</a>
RP-04	1999-06-23	1	.	0	.	0	<a href="#">get it</a>
RP-05	1999-10-13	2	.	0	.	0	<a href="#">get it</a>
RP-06	1999-12-12	2	.	1	.	1	<a href="#">get it</a>
RP-07	2000-03-15	2	.	1	.	3	<a href="#">get it</a>
RP-09	2000-10-26	2	.	3	.	0	<a href="#">get it</a>
RP-11	2001-04-10	3	.	0	.	0	<a href="#">get it</a>
RP-12	2001-07-03	3	.	1	.	0	<a href="#">get it</a>
RP-14	2002-01-14	3	.	2	.	0	<a href="#">get it</a>
RP-16	2002-07-03	3	.	3	.	0	<a href="#">get it</a>

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## TR 25.944 Channel coding and multiplexing examples

R99 current version: 3.5.0

freeze\_meeting: SP-07

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu NEC Corporation

G: U: yes MCC: ISHII, Yoshikazu

remarks - general: Created Jan 2000 (aka R1.04)

remarks - this release:

history (event, available, version, comments, hyperlink):

editor's draft	1999-11-25	0	.	0	.	1	<a href="#">get it</a>
R1-09	1999-12-15	1	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-16	3	.	0	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
RP-09	2000-10-18	3	.	2	.	0	<a href="#">get it</a>
RP-10	2000-12-22	3	.	3	.	0	<a href="#">get it</a>
RP-11	2001-04-06	3	.	4	.	0	<a href="#">get it</a>
edito	2001-04-10	3	.	4	.	1	<a href="#">get it</a>
RP-12	2001-06-28	3	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1078

31 May 2005 21:14:46

ACTIVE specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

R99 *current version:* 3.1.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* Pointer to latest release version.

*history (event, available, version, comments, hyperlink):*

			0	.	0	.	0			
RP-18	2003-01-13	3	.	0	.	0		Back creation from Rel-6 version	<a href="#">get it</a>	
RP-22	2004-01-12	3	.	1	.	0			<a href="#">get it</a>	

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R99

26 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.071 AMR speech Codec; General description

R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0			<a href="#">get it</a>	
SP-04	1999-06-23	3	.	0	.	0			<a href="#">get it</a>	
SP-05	1999-10-13	3	.	0	.	1			<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1079

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.073 AMR speech Codec; C-source code**

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-04	1999-06-23	0	.	1	.	0	<a href="#">get it</a>
SP-03	1999-04-23	0	.	1	.	0	<a href="#">get it</a>
SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
SP-11	2001-04-10	3	.	2	.	0	<a href="#">get it</a>
SP-14	2002-01-09	3	.	3	.	0	<a href="#">get it</a>

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**TS 26.074 AMR speech Codec; Test sequences**

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - general:* Transfer>TSG#4

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	1	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	2	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
Test sequences available	2000-02-02	3	.	0	.	1	<a href="#">get it</a>
Test sequences corrected	2000-09-14	3	.	0	.	2	<a href="#">get it</a>
SP-11	2001-04-10	3	.	1	.	0	<a href="#">get it</a>
corrected test	2001-07-04	3	.	1	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1080

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>

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## TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>

---

## TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels

R99 *current version:* 3.0.1  
*freeze\_meeting:* SP-04  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1081

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.093 AMR speech Codec; Source Controlled Rate operation**

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-04  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	2	.	0	<a href="#">get it</a>
SP-10	2000-12-21	3	.	3	.	0	<a href="#">get it</a>

---

**TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels**

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-05  
*remarks - general:* Transfer>TSG#4

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U: yes* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-04	1999-06-23	0	.	1	.	0	<a href="#">get it</a>
SP-03	1999-04-26	0	.	1	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1082

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**

R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	1	.	2	.	0	<a href="#">get it</a>
SP-05	1999-10-13	1	.	4	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
SP-12	2001-08-01	3	.	2	.	0	<a href="#">get it</a>
SP-15	2002-03-28	3	.	3	.	0	<a href="#">get it</a>

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**TS 26.102 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu**

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	0	.	2	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
SP-10	2000-12-12	3	.	2	.	0	<a href="#">get it</a>
SP-11	2001-04-10	3	.	3	.	0	<a href="#">get it</a>
SP-19	2003-04-04	3	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1083

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.103 Speech codec list for GSM and UMTS**

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* HELLWIG, Karl

*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

*remarks - general:* New after TSG#5

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-06 1999-12-17 3 . 0 . 0 [get it](#)

SP-14 2002-01-09 3 . 1 . 0 [get it](#)

SP-16 2002-06-28 3 . 2 . 0 [get it](#)

---

**TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec**

R99 *current version:* 3.5.0

*freeze\_meeting:* SP-07

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino

*G: yes U: yes* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-06 1999-12-17 0 . 1 . 0 [get it](#)

SP-07 2000-03-15 0 . 3 . 0 SP-000022 [get it](#)

SP-08 2000-06-28 3 . 0 . 0 [get it](#)

SP-10 2000-12-21 3 . 1 . 0 [get it](#)

SP-12 2001-06-27 3 . 2 . 0 [get it](#)

bug fix 2001-06-29 3 . 2 . 1 [get it](#)

SP-13 2001-10-02 3 . 3 . 0 [get it](#)

SP-15 2002-03-28 3 . 4 . 0 [get it](#)

SP-19 2003-04-04 3 . 5 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1084

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.110 Codec for circuit switched multimedia telephony service; General description**

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	1	<a href="#">get it</a>
SP-11	2001-07-04	3	.	1	.	0	<a href="#">get it</a>

---

**TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324**

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* CR at TSG#5 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	2	<a href="#">get it</a>
SP-06	1999-12-15	3	.	1	.	0	<a href="#">get it</a>
SP-08	2000-06-28	3	.	2	.	0	<a href="#">get it</a>
SP-09	2000-10-10	3	.	3	.	0	<a href="#">get it</a>
SP-10	2000-12-21	3	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1085

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.131 Terminal acoustic characteristics for telephony; Requirements

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian  
*G:* *U:* yes *MCC:* USAI, Paolino

TELLABS OPERATIONS INC.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	0	.	0	.	0		<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
SP-08	2000-06-28	3	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-10	3	.	2	.	0		<a href="#">get it</a>
SP-13	2001-10-02	3	.	3	.	0		<a href="#">get it</a>
SP-17	2002-09-24	3	.	4	.	0		<a href="#">get it</a>

---

## TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-08

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian  
*G:* *U:* yes *MCC:* USAI, Paolino

TELLABS OPERATIONS INC.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	0	.	0	.	0		<a href="#">get it</a>
draft		0	.	0	.	1		
SP-08		1	.	0	.	0		
SP-08	2000-06-28	3	.	0	.	0		<a href="#">get it</a>
SP-09	2000-10-10	3	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-10	3	.	2	.	0		<a href="#">get it</a>
SP-13	2001-10-02	3	.	3	.	0		<a href="#">get it</a>
SP-15	2002-03-28	3	.	4	.	0		<a href="#">get it</a>
SP-17	2002-09-24	3	.	5	.	0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1086

31 May 2005 21:14:46

ACTIVE specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.911 Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide**

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* HAAVISTO, Petri Nokia Research Center  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	2	<a href="#">get it</a>
decision to revise	1999-10-30	3	.	1	.	0	<a href="#">get it</a>
version number							
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
edito	2000-10-10	3	.	2	.	1	<a href="#">get it</a>
SP-10	2000-12-21	3	.	3	.	0	<a href="#">get it</a>
SP-19	2003-04-04	3	.	4	.	0	<a href="#">get it</a>

---

**TR 26.912 Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G**

R99 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	0	.	0	.	1	<a href="#">get it</a>
SP-04	1999-06-23	1	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1087

31 May 2005 21:14:47

ACTIVE specs R99 26 .- series  
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**TR 26.915 Echo Control For Speech and Multi-Media Services**

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-07

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.  
*G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Became 26.115 for Rel-4 onwards.

*remarks - this release:* No Rel-4 version. Became 26.115.

*history (event, available, version, comments, hyperlink):*

Creation of WI by 2000-02-02 0 . 0 . 1  
WG/TB  
SP-07 2000-03-17 3 . 0 . 0

[get it](#)

[get it](#)

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**TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.

*remarks - this release:* was 26.075;

*history (event, available, version, comments, hyperlink):*

SP-06 1999-12-17 1 . 0 . 0  
SP-07 2000-03-17 1 . 1 . 0  
SP-11 2001-03-31 3 . 0 . 0  
SP-13 2001-10-05 3 . 1 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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R99

27 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1088

31 May 2005 21:14:47

ACTIVE specs R99 27 .- series  
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## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 3.15.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3 . 0 . 0	<a href="#">get it</a>
NP-04		3 . 1 . 0	
NP-05	1999-10-13	3 . 2 . 0	<a href="#">get it</a>
NP-06	1999-12-17	3 . 3 . 0	<a href="#">get it</a>
NP-07	2005-04-06	3 . 4 . 0	<a href="#">get it</a>
NP-08	2000-06-23	3 . 5 . 0	<a href="#">get it</a>
NP-09	2000-10-23	3 . 6 . 0	<a href="#">get it</a>
NP-10	2001-01-04	3 . 7 . 0	<a href="#">get it</a>
NP-11	2001-04-05	3 . 8 . 0	<a href="#">get it</a>
NP-12	2001-07-04	3 . 9 . 0	<a href="#">get it</a>
NP-13	2001-10-10	3 . 10 . 0	<a href="#">get it</a>
NP-17	2002-09-17	3 . 11 . 0	<a href="#">get it</a>
NP-20	2003-06-25	3 . 12 . 0	<a href="#">get it</a>
NP-21	2003-10-01	3 . 13 . 0	<a href="#">get it</a>
NP-22	2004-01-22	3 . 14 . 0	<a href="#">get it</a>
NP-24	2004-06-18	3 . 15 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1089

31 May 2005 21:14:47

ACTIVE specs R99 27 .- series  
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## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
NP-09	2000-10-12	3	.	5	.	0	<a href="#">get it</a>

---

## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
NP-09	2000-10-12	3	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1090

31 May 2005 21:14:47

ACTIVE specs R99 27 .- series  
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**TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)**

R99 *current version:* 3.2.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-28	1	.	0	.	0	<a href="#">get it</a>
TP-04	1999-06-18	3	.	0	.	0	<a href="#">get it</a>
TP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
TP-16	2002-06-25	3	.	2	.	0	<a href="#">get it</a>

---

**TS 27.007 AT command set for User Equipment (UE)**

R99 *current version:* 3.13.0 *WG (prime / other):* C1 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.  
*freeze\_meeting:* SP-04 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-28	1	.	0	.	0	<a href="#">get it</a>
TP-04	1999-06-18	3	.	1	.	0	<a href="#">get it</a>
TP-05	1999-10-08	3	.	2	.	0	<a href="#">get it</a>
TP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
TP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
TP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
TP-09	2000-10-11	3	.	6	.	0	<a href="#">get it</a>
TP-10	2001-01-04	3	.	7	.	0	<a href="#">get it</a>
TP-11	2001-04-06	3	.	8	.	0	<a href="#">get it</a>
TP-12	2001-07-04	3	.	9	.	0	<a href="#">get it</a>
TP-14	2002-01-11	3	.	10	.	0	<a href="#">get it</a>
TP-15	2002-03-29	3	.	11	.	0	<a href="#">get it</a>
TP-18	2002-12-20	3	.	12	.	0	<a href="#">get it</a>
TP-19	2003-03-31	3	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1091

31 May 2005 21:14:47

ACTIVE specs R99 27 .- series  
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## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 *current version:* 3.4.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH

*freeze\_meeting:* SP-04

*G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-28	1	.	0	.	0	<a href="#">get it</a>
TP-04	1999-06-18	3	.	1	.	0	<a href="#">get it</a>
TP-05	1999-10-08	3	.	2	.	0	<a href="#">get it</a>
TP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
TP-15	2002-03-25	3	.	4	.	0	<a href="#">get it</a>

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## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

R99 *current version:* 3.8.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.

*freeze\_meeting:* SP-03

*G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* GPRSCP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	5	.	0	<a href="#">get it</a>
NP-16	2002-06-24	3	.	6	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	7	.	0	<a href="#">get it</a>
NP-20	2003-06-23	3	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1092

31 May 2005 21:14:47

ACTIVE specs R99 27 .- series  
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## TS 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* TP-27: Considering withdrawal of this document, but need to eliminate any references to it first. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* TSG#8:3.1.0 but this CR not impementable.

*history (event, available, version, comments, hyperlink):*

TP-05 1999-10-08 3 . 0 . 0 [get it](#)  
TP-09 2000-10-16 3 . 1 . 0 [get it](#)

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## TR 27.901 Report on Terminal Interfaces - An Overview

R99 *current version:* 3.1.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03 1999-04-23 0 . 0 . 1 [get it](#)  
TP-04 1999-06-18 1 . 0 . 0 [get it](#)  
TP-05 1999-10-08 1 . 0 . 1 [get it](#)  
TP-06 completed 1999-12-17 3 . 0 . 0 [get it](#)  
TP-15 2002-03-26 3 . 1 . 0 [get it](#)

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## TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-05 *G:* *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03 1999-04-23 0 . 0 . 0 [get it](#)  
TP-05 1999-10-08 3 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1093

31 May 2005 21:14:47

ACTIVE specs R99 27 .- series  
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R99 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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# 3GPP specification status

Page 1094

31 May 2005 21:14:47

ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.002 Mobile Application Part (MAP) specification

R99 *current version:* 3.20.0

*freeze\_meeting:* SP-03

*WG (prime / other):* C4 / -

*G:* yes *U:* yes

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3 . 0 . 0	<a href="#">get it</a>
NP-04	1999-06-23	3 . 1 . 0	<a href="#">get it</a>
NP-05	1999-10-13	3 . 2 . 0	<a href="#">get it</a>
NP-06	1999-12-17	3 . 3 . 0	<a href="#">get it</a>
edito	2000-01-31	3 . 3 . 1	<a href="#">get it</a>
NP-07	2000-03-15	3 . 4 . 0	<a href="#">get it</a>
NP-08	2000-06-23	3 . 5 . 0	<a href="#">get it</a>
edito	2000-08-04	3 . 5 . 1	<a href="#">get it</a>
edito	2000-08-10	3 . 5 . 2	<a href="#">get it</a>
NP-09	2000-10-26	3 . 6 . 0	<a href="#">get it</a>
NP-10	2000-12-20	3 . 7 . 0	<a href="#">get it</a>
edito	2001-01-02	3 . 7 . 1	<a href="#">get it</a>
edito to make	2001-01-31	3 . 7 . 2	<a href="#">get it</a>
figures legible			
NP-11	2001-04-06	3 . 8 . 0	<a href="#">get it</a>
NP-12	2001-07-06	3 . 9 . 0	<a href="#">get it</a>
NP-13	2001-10-03	3 . 10 . 0	<a href="#">get it</a>
NP-14	2002-01-18	3 . 11 . 0	<a href="#">get it</a>
NP-15	2002-04-04	3 . 12 . 0	<a href="#">get it</a>
NP-16	2002-06-21	3 . 13 . 0	<a href="#">get it</a>
NP-17	2002-09-24	3 . 14 . 0	<a href="#">get it</a>
NP-18	2003-01-09	3 . 15 . 0	<a href="#">get it</a>
NP-19	2003-04-07	3 . 16 . 0	<a href="#">get it</a>
NP-20	2003-07-04	3 . 17 . 0	<a href="#">get it</a>
		delayed availability due to complexity of changes	
NP-21	2003-10-09	3 . 18 . 0	<a href="#">get it</a>
NP-23	2004-03-23	3 . 19 . 0	<a href="#">get it</a>
NP-24	2004-06-17	3 . 20 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1095

31 May 2005 21:14:47

ACTIVE specs R99 29 .- series  
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**TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone**

R99 *current version:* 3.15.0 *WG (prime / other):* C3 / - *rapporteur:* BELLING, Thomas SIEMENS AG

*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
post-SP-04	1999-05-27	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-09	2000-10-12	3	.	6	.	0	<a href="#">get it</a>
NP-10	2000-12-22	3	.	7	.	0	<a href="#">get it</a>
NP-11	2001-03-29	3	.	8	.	0	<a href="#">get it</a>
NP-14	2002-01-11	3	.	9	.	0	<a href="#">get it</a>
NP-16	2002-06-24	3	.	10	.	0	<a href="#">get it</a>
NP-18	2003-01-06	3	.	11	.	0	<a href="#">get it</a>
NP-20	2003-06-23	3	.	12	.	0	<a href="#">get it</a>
NP-21	2003-10-01	3	.	13	.	0	<a href="#">get it</a>
NP-22	2004-01-22	3	.	14	.	0	<a href="#">get it</a>
NP-24	2004-06-18	3	.	15	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1096

31 May 2005 21:14:47

ACTIVE specs R99 29 .- series  
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**TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
R99 *current version: Procedures and the Mobile Application Part (MAP)* 3.12.0WG (*prime / other*): C4 /- *rapporteur:* KYMALAINEN, Kimmo  
TeliaSonera AB

*freeze\_meeting:* SP-05 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4 (transfer??)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
NP-09	2000-10-26	3	.	3	.	0	<a href="#">get it</a>
NP-10	2000-12-21	3	.	4	.	0	<a href="#">get it</a>
NP-11	2001-03-30	3	.	5	.	0	<a href="#">get it</a>
NP-12	2001-07-04	3	.	6	.	0	<a href="#">get it</a>
NP-14	2002-01-11	3	.	7	.	0	<a href="#">get it</a>
NP-16	2002-06-21	3	.	8	.	0	<a href="#">get it</a>
NP-17	2002-09-18	3	.	9	.	0	<a href="#">get it</a>
NP-18	2003-01-07	3	.	10	.	0	<a href="#">get it</a>
NP-20	2003-06-27	3	.	11	.	0	<a href="#">get it</a>
NP-23	2004-03-23	3	.	12	.	0	<a href="#">get it</a>

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**TS 29.011 Signalling Interworking for Supplementary Services**  
R99 *current version: 3.0.0* WG (*prime / other*): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1097

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
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**TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Transfer>TSG#4CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-04 1999-06-23 3 . 0 . 0 [get it](#)

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**TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification**

R99 *current version:* 3.1.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 [get it](#)  
NP-09 2000-10-06 3 . 1 . 0 [get it](#)

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# 3GPP specification status

Page 1098

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
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**TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**  
R99 *current version:* 3.11.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-23	3	.	4	.	0	<a href="#">get it</a>
edito	2000-10-31	3	.	4	.	1	<a href="#">get it</a>
NP-10	2001-01-02	3	.	5	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	6	.	0	<a href="#">get it</a>
NP-13	2001-10-03	3	.	7	.	0	<a href="#">get it</a>
NP-14	2002-01-04	3	.	8	.	0	<a href="#">get it</a>
NP-15	2002-03-21	3	.	9	.	0	<a href="#">get it</a>
NP-16	2002-06-26	3	.	10	.	0	<a href="#">get it</a>
NP-21	2003-10-10	3	.	11	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1099

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
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**TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface**

R99 *current version:* 3.19.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
NP-10	2000-09-28	3	.	6	.	0	<a href="#">get it</a>
NP-10	2000-12-21	3	.	7	.	0	<a href="#">get it</a>
NP-11	2001-03-30	3	.	8	.	0	<a href="#">get it</a>
NP-12	2001-07-04	3	.	9	.	0	<a href="#">get it</a>
NP-13	2001-10-03	3	.	10	.	0	<a href="#">get it</a>
NP-14	2002-01-11	3	.	11	.	0	<a href="#">get it</a>
NP-15	2002-03-28	3	.	12	.	0	<a href="#">get it</a>
NP-16	2002-06-21	3	.	13	.	0	<a href="#">get it</a>
NP-17	2002-09-18	3	.	14	.	0	<a href="#">get it</a>
NP-18	2003-01-07	3	.	15	.	0	<a href="#">get it</a>
NP-19	2003-04-04	3	.	16	.	0	<a href="#">get it</a>
NP-20	2003-06-27	3	.	17	.	0	<a href="#">get it</a>
NP-22	2004-01-12	3	.	18	.	0	<a href="#">get it</a>
NP-23	2004-03-24	3	.	19	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1100

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
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**TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)**  
R99 *current version:* 3.14.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-15	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-12	3	.	4	.	0	<a href="#">get it</a>
NP-11	2001-04-06	3	.	5	.	0	<a href="#">get it</a>
NP-12	2001-06-28	3	.	6	.	0	<a href="#">get it</a>
NP-13	2001-10-12	3	.	7	.	0	<a href="#">get it</a>
NP-14	2002-01-14	3	.	8	.	0	<a href="#">get it</a>
NP-15	2002-03-20	3	.	9	.	0	<a href="#">get it</a>
NP-16	2002-07-03	3	.	10	.	0	<a href="#">get it</a>
NP-18	2003-01-09	3	.	11	.	0	<a href="#">get it</a>
NP-19	2003-03-27	3	.	12	.	0	<a href="#">get it</a>
NP-20	2003-06-23	3	.	13	.	0	<a href="#">get it</a>
NP-22	2004-01-15	3	.	14	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1101

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
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**TS 29.078** **customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification**  
R99 *current version:* 3.15.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Phase 3

*history (event, available, version, comments, hyperlink):*

NP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
NP-04	1999-06-30	3	.	1	.	0	<a href="#">get it</a>
NP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
Editorial	2000-06-23	3	.	4	.	1	<a href="#">get it</a>
NP-09	2000-10-10	3	.	5	.	0	<a href="#">get it</a>
NP-10	2001-01-05	3	.	6	.	0	<a href="#">get it</a>
NP-11	2001-03-29	3	.	7	.	0	<a href="#">get it</a>
NP-12	2001-07-03	3	.	8	.	0	<a href="#">get it</a>
NP-13	2001-10-03	3	.	9	.	0	<a href="#">get it</a>
NP-14	2002-01-04	3	.	10	.	0	<a href="#">get it</a>
NP-15	2002-03-19	3	.	11	.	0	<a href="#">get it</a>
NP-16	2002-06-17	3	.	12	.	0	<a href="#">get it</a>
NP-17	2002-09-17	3	.	13	.	0	<a href="#">get it</a>
NP-18	2002-12-18	3	.	14	.	0	<a href="#">get it</a>
NP-19	2003-03-25	3	.	15	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1102

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.108 Application of the Radio Access Network Application Part (RANAP) on the E-interface

R99 *current version:* 3.3.0 *WG (prime / other):* R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* TSG#8:Appeared as v2.0.0 (RP-000258)

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

RP-08		2	.	0	.	0	
RP-08	2000-06-30	3	.	0	.	0	<a href="#">get it</a>
RP-10	2000-12-20	3	.	1	.	0	<a href="#">get it</a>
RP-13	2001-10-12	3	.	2	.	0	<a href="#">get it</a>
RP-19	2003-03-26	3	.	3	.	0	<a href="#">get it</a>

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## TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

R99 *current version:* 3.0.0 *WG (prime / other):* C4 / - *rapporteur:* AIKAWA, Shinichiro Fujitsu Limited  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-04	1999-05-27	0	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-15	1	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1103

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
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**TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3**

R99 *current version:* 3.1.0 *WG (prime / other):* C4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-04	1999-05-27	0	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-15	1	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>
NP-09	2000-10-25	3	.	1	.	0	<a href="#">get it</a>

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**TS 29.198 Open Service Architecture (OSA) Application Programming Interface (API) - Part 1**

R99 *current version:* 3.4.0 *WG (prime / other):* C5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-07	2000-03-13	1	.	0	.	0	<a href="#">get it</a>
NP-08	2000-06-23	3	.	0	.	0	<a href="#">get it</a>
NP-09	2000-10-09	3	.	1	.	0	<a href="#">get it</a>
NP-10	2001-01-03	3	.	2	.	0	<a href="#">get it</a>
NP-11	2001-03-28	3	.	3	.	0	<a href="#">get it</a>
NP-12	2001-06-29	3	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1104

31 May 2005 21:14:48

ACTIVE specs R99 29 .- series  
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**TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults**  
R99 *current version:* 3.0.1 *WG (prime / other):* C1 / RP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06  
G: yes U: yes *MCC:* Skov  
JURISIC, Andrijana  
*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-26 3 . 0 . 0 [get it](#)  
edito post NP-18 2002-12-16 3 . 0 . 1 minor editorials to change style from TS to [get it](#)  
TR.

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**TR 29.998 Open Services Architecture API part 2**  
R99 *current version:* 3.2.0 *WG (prime / other):* C5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* SP-08 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* OSA subgroupCP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

NP-07 2000-03-13 1 . 0 . 0 [get it](#)  
NP-08 2000-06-23 3 . 0 . 0 [get it](#)  
NP-09 2000-10-08 3 . 1 . 0 [get it](#)  
NP-10 2001-01-03 3 . 2 . 0 [get it](#)

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R99 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1105

31 May 2005 21:14:48

ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.101 UICC-terminal interface; Physical and logical characteristics**

R99 *current version:* 3.3.1 *WG (prime / other):* C6 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* Contents is a reference to ETSI TR 102 221.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
TP-04	1999-06-23	0	.	5	.	0		<a href="#">get it</a>
TP-05	1999-10-08	1	.	0	.	0		<a href="#">get it</a>
TP-06	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
TP-07	2000-03-15	3	.	1	.	0	completion target	<a href="#">get it</a>
TP-08	2000-02-06	3	.	2	.	0		<a href="#">get it</a>
TP-09	2000-10-18	3	.	3	.	0		<a href="#">get it</a>
edito post TP-26	2005-01-06	3	.	3	.	1		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1106

31 May 2005 21:14:48

ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.102 Characteristics of the USIM application

R99 *current version:* 3.17.0

*freeze\_meeting:* SP-06

*WG (prime / other):* C6 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.

*G:* U: yes *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
TP-04	1999-06-23	0	.	5	.	0		<a href="#">get it</a>
TP-05	1999-10-08	1	.	0	.	0		<a href="#">get it</a>
TP-06	1999-12-17	3	.	0	.	0		<a href="#">get it</a>
TP-07 completion target	2000-03-15	3	.	1	.	0		<a href="#">get it</a>
TP-08	2000-06-23	3	.	2	.	0		<a href="#">get it</a>
TP-09	2000-10-18	3	.	3	.	0		<a href="#">get it</a>
TP-10	2001-01-05	3	.	4	.	0		<a href="#">get it</a>
TP-11	2001-04-09	3	.	5	.	0		<a href="#">get it</a>
TP-12	2001-07-06	3	.	6	.	0		<a href="#">get it</a>
TP-13	2001-10-11	3	.	7	.	0		<a href="#">get it</a>
TP-14	2002-01-17	3	.	8	.	0		<a href="#">get it</a>
TP-16	2002-06-28	3	.	9	.	0		<a href="#">get it</a>
TP-17	2002-09-25	3	.	10	.	0		<a href="#">get it</a>
TP-18	2003-01-02	3	.	11	.	0		<a href="#">get it</a>
TP-19	2003-04-01	3	.	12	.	0		<a href="#">get it</a>
TP-20	2003-06-23	3	.	13	.	0		<a href="#">get it</a>
TP-21	2003-09-30	3	.	14	.	0		<a href="#">get it</a>
TP-22	2004-01-12	3	.	15	.	0		<a href="#">get it</a>
TP-23	2004-03-25	3	.	16	.	0		<a href="#">get it</a>
TP-24	2004-06-15	3	.	17	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1107

31 May 2005 21:14:48

ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. *remarks - this release:*  
May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.CP-27: change of WG as a result of closure of CN and T.

### *history (event, available, version, comments, hyperlink):*

E-mailed to SP-T for information	1999-11-15	1	.	0	.	0	<a href="#">get it</a>
TP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
TP-07 completion target	2000-03-15	3	.	1	.	0	<a href="#">get it</a>
TP-09	2000-10-18	3	.	2	.	0	<a href="#">get it</a>

---

## TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

R99 *current version:* 3.13.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-06	1999-12-17	1	.	0	.	0	<a href="#">get it</a>
TP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>
TP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
TP-09	2000-10-18	3	.	2	.	0	<a href="#">get it</a>
TP-10	2001-01-05	3	.	3	.	0	<a href="#">get it</a>
TP-11	2001-04-09	3	.	4	.	0	<a href="#">get it</a>
TP-12	2001-07-06	3	.	5	.	0	<a href="#">get it</a>
TP-13	2001-10-12	3	.	6	.	0	<a href="#">get it</a>
TP-14	2002-01-16	3	.	7	.	0	<a href="#">get it</a>
TP-16	2002-06-28	3	.	8	.	0	<a href="#">get it</a>
TP-18	2003-01-02	3	.	9	.	0	<a href="#">get it</a>
TP-19	2003-04-04	3	.	10	.	0	<a href="#">get it</a>
TP-22	2004-01-12	3	.	11	.	0	<a href="#">get it</a>
TP-23	2004-03-25	3	.	12	.	0	<a href="#">get it</a>
TP-25	2004-09-28	3	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1108

31 May 2005 21:14:49

ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

R99 *current version:* 3.1.0 *WG (prime / other):* C6 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCPCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-11:moved to ETSI-SCP. TP-12: reinstated.

*history (event, available, version, comments, hyperlink):*

TP-09	2000-10-18	1	.	0	.	0	<a href="#">get it</a>
TP-10	2001-01-05	3	.	0	.	0	<a href="#">get it</a>
TP-26	2005-01-07	3	.	1	.	0	<a href="#">get it</a>

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## TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

R99 *current version:* 3.12.0 *WG (prime / other):* C6 / - *rapporteur:* WILLENBRINK, Udo Orga Test Systems Gmbh  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* based on R99 core spec; split into 2 parts (this is 2)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-09	2000-10-18	1	.	0	.	0	<a href="#">get it</a>
TP-10	2001-01-05	3	.	0	.	0	<a href="#">get it</a>
TP-12	2001-07-06	3	.	1	.	0	<a href="#">get it</a>
TP-16	2002-06-19	3	.	2	.	0	<a href="#">get it</a>
TP-17	2002-09-18	3	.	3	.	0	<a href="#">get it</a>
TP-18	2003-01-02	3	.	4	.	0	<a href="#">get it</a>
TP-19	2003-03-26	3	.	5	.	0	<a href="#">get it</a>
TP-20	2003-06-23	3	.	6	.	0	<a href="#">get it</a>
TP-21	2003-09-29	3	.	7	.	0	<a href="#">get it</a>
TP-23	2004-03-26	3	.	8	.	0	<a href="#">get it</a>
TP-24	2004-06-15	3	.	9	.	0	<a href="#">get it</a>
TP-25	2004-10-08	3	.	10	.	0	<a href="#">get it</a>
TP-26	2005-01-06	3	.	11	.	0	<a href="#">get it</a>
TP-27	2005-03-24	3	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1109

31 May 2005 21:14:49

ACTIVE specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

R99 *current version:* 3.8.0 *WG (prime / other):* C6 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered which *remarks - this release:*  
31.120 was split into two parts CP-27: change of WG as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

TP-09	2000-10-18	1	.	0	.	0	<a href="#">get it</a>
TP-10		2	.	0	.	0	
TP-10	2001-01-05	3	.	0	.	0	<a href="#">get it</a>
TP-14	2002-01-17	3	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-28	3	.	2	.	0	<a href="#">get it</a>
TP-16	2002-06-19	3	.	3	.	0	<a href="#">get it</a>
TP-17	2002-09-18	3	.	4	.	0	<a href="#">get it</a>
TP-18	2003-01-02	3	.	5	.	0	<a href="#">get it</a>
TP-19	2003-04-01	3	.	6	.	0	<a href="#">get it</a>
TP-22	2004-01-12	3	.	7	.	0	<a href="#">get it</a>
TP-26	2005-01-03	3	.	8	.	0	<a href="#">get it</a>

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## TS 31.124 Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification

R99 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* 2004-10-12: Not clear which WI this pertains to (TP-030259, TP-000155, TP-010111, ... ?), or which Release, but logically should be R99. WI UID later confirmed as 43009. CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Pointer to latest Release.

*history (event, available, version, comments, hyperlink):*

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R99 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1110

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.005 Telecommunications management; Charging management; 3G call and event data for the Circuit Switched (CS) domain**

R99 *current version:* 3.7.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* 2004-03-29:S5 Project Manager: title changed from "charging and billing" to align with later Releases. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
correct	2000-10-10	3	.	2	.	0	<a href="#">get it</a>
implementation of previous CR							
SP-10	2000-12-21	3	.	3	.	0	<a href="#">get it</a>
edito	2001-01-22	3	.	3	.	1	<a href="#">get it</a>
SP-11	2001-04-05	3	.	4	.	0	<a href="#">get it</a>
SP-13	2001-10-05	3	.	5	.	0	<a href="#">get it</a>
SP-15	2002-03-26	3	.	6	.	0	<a href="#">get it</a>
SP-22	2004-01-05	3	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1111

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.015 Telecommunications management; Charging management; 3G call and event data for the Packet Switched (PS) domain**

R99 *current version:* 3.12.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* 2004-03-29:S5 Project Manager: title changed from "charging and billing" to align with later Releases. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	1	.	1	<a href="#">get it</a>
SP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
SP-09	2000-10-10	3	.	3	.	0	<a href="#">get it</a>
SP-10	2000-12-21	3	.	4	.	0	<a href="#">get it</a>
SP-11	2001-04-05	3	.	5	.	0	<a href="#">get it</a>
SP-12	2001-07-03	3	.	6	.	0	<a href="#">get it</a>
SP-13	2001-10-05	3	.	7	.	0	<a href="#">get it</a>
SP-14	2002-01-11	3	.	8	.	0	<a href="#">get it</a>
SP-15	2002-03-26	3	.	9	.	0	<a href="#">get it</a>
SP-18	2003-01-07	3	.	10	.	0	<a href="#">get it</a>
SP-19	2003-04-02	3	.	11	.	0	<a href="#">get it</a>
SP-22	2004-01-05	3	.	12	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1112

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
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## TS 32.101 Telecommunication management; Principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	1	.	2	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	1	.	1	<a href="#">get it</a>
SP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
SP-10	2000-12-21	3	.	3	.	0	<a href="#">get it</a>
SP-11	2001-10-05	3	.	4	.	0	<a href="#">get it</a>

---

## TS 32.102 Telecommunication management; Architecture

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Creation of WI by	1999-04-26	0	.	0	.	0	<a href="#">get it</a>
WG/TB							
SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	1	.	2	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	1	.	1	<a href="#">get it</a>
SP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1113

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
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## TS 32.104 Telecommunication management; 3G Performance Management

R99 *current version:* 3.9.0  
*freeze\_meeting:* SP-07

*WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf  
*G:* U: yes *MCC:* ZOICAS, Adrian

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	1	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	1	.	1	<a href="#">get it</a>
SP-08	2000-06-23	3	.	2	.	0	<a href="#">get it</a>
SP-09	2000-10-10	3	.	3	.	0	<a href="#">get it</a>
SP-10	2000-12-21	3	.	4	.	0	<a href="#">get it</a>
SP-14	2002-01-11	3	.	5	.	0	<a href="#">get it</a>
SP-20	2003-06-27	3	.	6	.	0	<a href="#">get it</a>
SP-23	2004-03-24	3	.	7	.	0	<a href="#">get it</a>
SP-24	2004-06-15	3	.	8	.	0	<a href="#">get it</a>
SP-25	2004-09-23	3	.	9	.	0	<a href="#">get it</a>

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## TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-07

*WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*remarks - general:* SP-08: split into eight parts

*remarks - this release:* SP-08: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	0	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	0	.	1	<a href="#">get it</a>
SP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a> split into parts

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1114

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)**

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)

parts

SP-10 2000-12-21 3 . 2 . 0 [get it](#)

SP-11 2001-04-05 3 . 3 . 0 [get it](#)

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**TS 32.106-3 Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)**

R99 *current version:* Solution Set (SS) 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin

Ericsson Incorporated

*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)

parts

SP-10 2000-12-21 3 . 2 . 0 [get it](#)

SP-11 2001-04-05 3 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1115

31 May 2005 21:14:49

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**TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)**  
R99 current version: Solution Set (SS) 3.2.1 WG (prime / other): S5 /- rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-07 G: yes U: yes MCC: ZOICAS, Adrian  
remarks - general: TSG#8: split into eight parts remarks - this release: TSG#8: multipart split from parent 3.0.1

history (event, available, version, comments, hyperlink):

SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)  
parts  
SP-14 2002-01-11 3 . 2 . 0 [get it](#)  
editorial after SP-17 2002-09-18 3 . 2 . 1 [get it](#)

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**TS 32.106-5 Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP); Information model (including Network Resource Model)**  
R99 current version: 3.2.0 WG (prime / other): S5 /- rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson  
freeze\_meeting: SP-10 G: yes U: yes MCC: ZOICAS, Adrian

remarks - general: TSG#8: split into eight parts remarks - this release: TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)

history (event, available, version, comments, hyperlink):

draft 2000-10-10 1 . 0 . 1 [get it](#)  
SP-10 2000-12-21 3 . 0 . 0 [get it](#)  
SP-11 2001-04-05 3 . 1 . 0 [get it](#)  
SP-12 2001-07-03 3 . 2 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1116

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
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**TS 32.106-6 Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
R99 current version: **Solution Set (SS)** 3.4.0 WG (prime / other): S5 /- rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-10 G: yes U: yes MCC: ZOICAS, Adrian  
remarks - general: TSG#8: split into eight parts remarks - this release: TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)

history (event, available, version, comments, hyperlink):

draft	2000-10-31	0	.	1	.	0	<a href="#">get it</a>
SP-10	2000-12-14	3	.	0	.	0	<a href="#">get it</a>
SP-11	2001-04-05	3	.	1	.	0	<a href="#">get it</a>
SP-12	2001-07-04	3	.	2	.	0	<a href="#">get it</a>
SP-13	2001-10-05	3	.	3	.	0	<a href="#">get it</a>
SP-22	2004-01-05	3	.	4	.	0	<a href="#">get it</a>

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**TS 32.106-7 Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**  
R99 current version: **Solution Set (SS)** 3.3.0 WG (prime / other): S5 /- rapporteur: POLLAKOWSKI, Olaf  
SIEMENS AG

freeze\_meeting: SP-10 G: yes U: yes MCC: ZOICAS, Adrian  
remarks - general: TSG#8: split into eight parts remarks - this release: TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)

history (event, available, version, comments, hyperlink):

draft	2000-10-31	0	.	1	.	0	<a href="#">get it</a>
SP-10	2000-12-21	3	.	0	.	0	<a href="#">get it</a>
SP-11	2001-04-05	3	.	1	.	0	<a href="#">get it</a>
SP-12	2001-07-03	3	.	2	.	0	<a href="#">get it</a>
SP-14	2002-01-11	3	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1117

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
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## TS 32.106-8 Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0

*history (event, available, version, comments, hyperlink):*

SP-08: split into parts	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
SP-12	2001-07-03	3	.	2	.	0	<a href="#">get it</a>

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## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-08 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	0	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	0	.	1	<a href="#">get it</a>
SP-08: split into parts	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
SP-09	2000-10-10	3	.	2	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1118

31 May 2005 21:14:49

ACTIVE specs R99 32 .- series  
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**TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)**

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S  
*freeze\_meeting:* SP-08 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	0	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	0	.	1	<a href="#">get it</a>
SP-08: split into	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
parts							
editorial	2000-09-06	3	.	1	.	1	<a href="#">get it</a>
SP-09	2000-10-10	3	.	2	.	0	<a href="#">get it</a>
SP-10	2000-12-20	3	.	3	.	0	<a href="#">get it</a>
SP-27	2005-03-30	3	.	4	.	0	<a href="#">get it</a>

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**TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-08 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	0	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	0	.	1	<a href="#">get it</a>
SP-08: split into	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
parts							
SP-09	2000-10-10	3	.	2	.	0	<a href="#">get it</a>
SP-10	2000-12-20	3	.	3	.	0	<a href="#">get it</a>
SP-11	2001-04-05	3	.	4	.	0	<a href="#">get it</a>
SP-12	2001-07-04	3	.	5	.	0	<a href="#">get it</a>
SP-14	2002-01-11	3	.	6	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1119

31 May 2005 21:14:50

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**TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-08 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-17	3	.	0	.	0	<a href="#">get it</a>
Editorial	2000-03-17	3	.	0	.	1	<a href="#">get it</a>
SP-08: split into	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
parts							
editorial	2000-09-06	3	.	1	.	1	<a href="#">get it</a>
SP-14	2002-01-11	3	.	2	.	0	<a href="#">get it</a>

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R99

33 .- series

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# 3GPP specification status

Page 1120

31 May 2005 21:14:50

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## TS 33.102 3G security; Security architecture

R99 current version: 3.13.0

freeze\_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc Siemens nv/sa

G: U: yes MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

Table of Contents and Scope	1999-03-04	0	.	0	.	1	<a href="#">get it</a>
First complete draft	1999-03-26	1	.	0	.	0	<a href="#">get it</a>
WG approval	1999-03-26	2	.	0	.	0	<a href="#">get it</a>
SP-03	1999-04-23	3	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	3	.	1	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	2	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	3	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	4	.	0	<a href="#">get it</a>
SP-08	2000-06-23	3	.	5	.	0	<a href="#">get it</a>
SP-09	2000-10-11	3	.	6	.	0	<a href="#">get it</a>
SP-10	2000-12-22	3	.	7	.	0	<a href="#">get it</a>
SP-11	2001-04-04	3	.	8	.	0	<a href="#">get it</a>
SP-12	2001-07-04	3	.	9	.	0	<a href="#">get it</a>
SP-14	2002-01-07	3	.	10	.	0	<a href="#">get it</a>
SP-15	2002-03-26	3	.	11	.	0	<a href="#">get it</a>
SP-16	2002-06-19	3	.	12	.	0	<a href="#">get it</a>
SP-18	2002-12-18	3	.	13	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1121

31 May 2005 21:14:50

ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TS 33.103 3G security; Integration guidelines**

R99 *current version:* 3.7.0

*freeze\_meeting:* SP-05

*WG (prime / other):* S3 / - *rapporteur:* BLANCHARD, Colin BT Group Plc

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-04	1999-06-23	1	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	2	.	0	<a href="#">get it</a>
SP-08	2000-06-23	3	.	3	.	0	<a href="#">get it</a>
SP-09	2000-10-11	3	.	4	.	0	<a href="#">get it</a>
SP-11	2001-03-30	3	.	5	.	0	<a href="#">get it</a>
SP-12	2001-07-04	3	.	6	.	0	<a href="#">get it</a>
SP-13	2001-10-03	3	.	7	.	0	<a href="#">get it</a>

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**TS 33.105 Cryptographic algorithm requirements**

R99 *current version:* 3.8.0

*freeze\_meeting:* SP-04

*WG (prime / other):* S3 / - *rapporteur:* CHIKAZAWA, Takeshi Mitsubishi Electric Corporation

*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-04	1999-06-23	3	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	3	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-17	3	.	2	.	0	<a href="#">get it</a>
SP-07	2000-03-15	3	.	3	.	0	<a href="#">get it</a>
SP-08	2000-06-23	3	.	4	.	0	<a href="#">get it</a>
SP-09	2000-10-11	3	.	5	.	0	<a href="#">get it</a>
SP-10	2000-12-22	3	.	6	.	0	<a href="#">get it</a>
SP-11	2001-03-30	3	.	7	.	0	<a href="#">get it</a>
SP-12	2001-07-04	3	.	8	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1122

31 May 2005 21:14:50

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## TS 33.106 Lawful interception requirements

R99 current version: 3.1.0

freeze\_meeting: SP-08

WG (prime / other): S3 / - rapporteur: WILHELM, Berthold

G: U: yes MCC: CLAYTON, Michael

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04 1999-06-23 3 . 0 . 0 [get it](#)

SP-06 1999-12-17 3 . 1 . 0 [get it](#)

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## TS 33.107 3G security; Lawful interception architecture and functions

R99 current version: 3.5.0

freeze\_meeting: SP-06

WG (prime / other): S3 / - rapporteur: WILHELM, Berthold

G: U: yes MCC: CLAYTON, Michael

BUNDESMINISTERIUM FUR WIRTSCHAFT

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-04 1999-06-23 3 . 0 . 0 [get it](#)

SP-10 2000-12-22 3 . 1 . 0 [get it](#)

SP-11 2001-03-30 3 . 2 . 0 [get it](#)

SP-13 2001-10-03 3 . 3 . 0 [get it](#)

SP-14 2002-01-07 3 . 4 . 0 [get it](#)

SP-15 2002-03-26 3 . 5 . 0 [get it](#)

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# 3GPP specification status

Page 1123

31 May 2005 21:14:50

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## TS 33.120 Security Objectives and Principles

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-03

*WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim  
*G:* *U:* yes *MCC:* CLAYTON, Michael

Indicate persons who left Company and wait for new One

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1999-03-04	0	.	0	.	1	
First complete draft	1999-03-26	1	.	0	.	0	
WG approval	1999-03-26	2	.	0	.	0	
SP-03	1999-04-23	3	.	0	.	0	

[get it](#)

[get it](#)

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## TR 33.901 Criteria for cryptographic Algorithm design process

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-04

*WG (prime / other):* S3 / - *rapporteur:* BLOM, Rolf  
*G:* *U:* yes *MCC:* CLAYTON, Michael

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	0	.	0	.	0	
SP-04	1999-06-23	3	.	0	.	0	

[get it](#)

[get it](#)

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## TR 33.902 Formal Analysis of the 3G Authentication Protocol

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* S3 / - *rapporteur:* HORN, Guenther  
*G:* *U:* yes *MCC:* CLAYTON, Michael

SIEMENS AG

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	3	.	0	.	0	
SP-06	1999-12-17	3	.	1	.	0	

[get it](#)

[get it](#)

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# 3GPP specification status

Page 1124

31 May 2005 21:14:50

ACTIVE specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.908 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms**  
R99 *current version:* 3.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* TSG#7: S3-000105=NP-000049 *remarks - this release:* Formerly 33.904.

*history (event, available, version, comments, hyperlink):*

SP-07 2000-03-17 3 . 0 . 0 SP-000039

[get it](#)

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R99 **34** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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# 3GPP specification status

Page 1125

31 May 2005 21:14:50

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 *current version:* 3.16.0

*WG (prime / other):* R5 / - *rapporteur:* CHALABI, Nuhman ANRITSU LTD

*freeze\_meeting:* SP-08

*G:* *U:* yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TSG#8:apr1 is controversial. TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.

### *history (event, available, version, comments, hyperlink):*

Start of work		0	.	0	.	1		
TP-07	2000-03-15	1	.	0	.	0	TP-000032	<a href="#">get it</a>
editorial tidy up	2000-03-23	1	.	0	.	1		<a href="#">get it</a>
TP-08		2	.	0	.	0		
TP-08	2000-06-23	3	.	0	.	0		<a href="#">get it</a>
Editorial	2000-06-23	3	.	0	.	1		<a href="#">get it</a>
TP-09	2000-10-06	3	.	1	.	0		<a href="#">get it</a>
TP-10	2001-01-09	3	.	2	.	0		<a href="#">get it</a>
TP-11	2001-03-28	3	.	3	.	0		<a href="#">get it</a>
TP-12	2001-06-27	3	.	4	.	0		<a href="#">get it</a>
TP-13	2001-10-08	3	.	5	.	0		<a href="#">get it</a>
TP-14	2002-01-09	3	.	6	.	0		<a href="#">get it</a>
TP-15	2002-03-20	3	.	7	.	0		<a href="#">get it</a>
edito post	TP-15	2002-03-26	3	.	7	.	1	<a href="#">get it</a>
TP-16	2002-06-17	3	.	8	.	0		<a href="#">get it</a>
TP-17	2002-09-10	3	.	9	.	0		<a href="#">get it</a>
TP-18	2002-12-18	3	.	10	.	0		<a href="#">get it</a>
TP-19	2003-03-24	3	.	11	.	0		<a href="#">get it</a>
TP-20	2003-06-18	3	.	12	.	0		<a href="#">get it</a>
TP-21	2003-10-10	3	.	13	.	0		<a href="#">get it</a>
TP-22	2004-01-13	3	.	14	.	0		<a href="#">get it</a>
TP-23	2004-04-01	3	.	15	.	0		<a href="#">get it</a>
TP-24	2004-06-18	3	.	16	.	0	technical contents removed, is just a pointer to Rel-5 version	<a href="#">get it</a>

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# 3GPP specification status

Page 1126

31 May 2005 21:14:50

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## TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.10.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. *remarks - this release:*  
TSG#9: Stable, so txfered from T1 to R2.

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
RP-04	1999-06-18	0	.	2	.	0		<a href="#">get it</a>
RP-05	1999-10-08	1	.	0	.	0		<a href="#">get it</a>
RP-06	1999-12-17	1	.	0	.	3		<a href="#">get it</a>
next version	2000-02-03	1	.	1	.	0		<a href="#">get it</a>
RP-07	2000-03-15	1	.	2	.	0		<a href="#">get it</a>
RP-08	2000-06-23	3	.	0	.	0		<a href="#">get it</a>
RP-09	2000-10-05	3	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-20	3	.	2	.	0		<a href="#">get it</a>
RP-11	2001-03-27	3	.	3	.	0		<a href="#">get it</a>
RP-12	2001-06-19	3	.	4	.	0		<a href="#">get it</a>
RP-15	2002-03-19	3	.	5	.	0		<a href="#">get it</a>
RP-16	2002-06-17	3	.	6	.	0		<a href="#">get it</a>
RP-17	2002-09-18	3	.	7	.	0		<a href="#">get it</a>
RP-18	2003-01-13	3	.	8	.	0		<a href="#">get it</a>
RP-19	2003-03-25	3	.	9	.	0		<a href="#">get it</a>
RP-25	2004-09-27	3	.	10	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1127

31 May 2005 21:14:50

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.14.0 *WG (prime / other):* R5 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
TP-04	1999-06-18	1	.	0	.	1	<a href="#">get it</a>
TP-05	1999-10-08	1	.	2	.	0	<a href="#">get it</a>
TP-06	1999-12-17	1	.	5	.	0	<a href="#">get it</a>
TP-07	2000-03-15	2	.	0	.	0	<a href="#">get it</a>
TP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>
Editorial	2000-03-15	3	.	0	.	1	<a href="#">get it</a>
TP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
TP-09	2000-10-05	3	.	2	.	0	<a href="#">get it</a>
TP-10	2000-12-21	3	.	3	.	0	<a href="#">get it</a>
TP-11	2001-03-28	3	.	4	.	0	<a href="#">get it</a>
TP-12	2001-06-18	3	.	5	.	0	<a href="#">get it</a>
TP-13	2001-10-03	3	.	6	.	0	<a href="#">get it</a>
TP-14	2002-01-09	3	.	7	.	0	<a href="#">get it</a>
TP-15	2002-03-20	3	.	8	.	0	<a href="#">get it</a>
TP-16	2002-06-17	3	.	9	.	0	<a href="#">get it</a>
TP-17	2002-09-05	3	.	10	.	0	<a href="#">get it</a>
TP-18	2002-12-18	3	.	11	.	0	<a href="#">get it</a>
TP-19	2003-03-24	3	.	12	.	0	<a href="#">get it</a>
TP-20	2003-06-17	3	.	13	.	0	<a href="#">get it</a>
TP-21	2003-10-10	3	.	14	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1128

31 May 2005 21:14:50

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

R99 *current version:* 3.12.0 *WG (prime / other):* R5 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG  
*freeze\_meeting:* SP-08 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-04	1999-06-18	0	.	0	.	0		<a href="#">get it</a>
TP-05	1999-10-08	0	.	1	.	0		<a href="#">get it</a>
TP-06	1999-12-17	1	.	0	.	0		<a href="#">get it</a>
TP-07	2000-03-15	1	.	2	.	0		<a href="#">get it</a>
Editorial	2000-03-15	1	.	2	.	1		<a href="#">get it</a>
TP-08		2	.	0	.	0		
TP-08	2000-06-23	3	.	0	.	0		<a href="#">get it</a>
edito	2000-08-28	3	.	0	.	1		<a href="#">get it</a>
TP-09	2000-10-05	3	.	1	.	0		<a href="#">get it</a>
TP-10	2000-12-21	3	.	2	.	0		<a href="#">get it</a>
TP-11	2001-03-28	3	.	3	.	0		<a href="#">get it</a>
TP-12	2001-06-18	3	.	4	.	0		<a href="#">get it</a>
TP-13	2001-10-03	3	.	5	.	0		<a href="#">get it</a>
TP-14	2002-01-09	3	.	6	.	0		<a href="#">get it</a>
TP-15	2002-03-21	3	.	7	.	0		<a href="#">get it</a>
TP-16	2002-06-17	3	.	8	.	0		<a href="#">get it</a>
TP-17	2002-09-05	3	.	9	.	0		<a href="#">get it</a>
TP-18	2002-12-18	3	.	10	.	0		<a href="#">get it</a>
TP-19	2003-03-24	3	.	11	.	0		<a href="#">get it</a>
TP-22	2004-01-19	3	.	12	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1129

31 May 2005 21:14:51

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification**

R99 *current version:* 3.5.0 *WG (prime / other):* R5 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* SP-08 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
TP-05	1999-10-08	0	.	0	.	4		<a href="#">get it</a>
TP-06	1999-12-17	1	.	0	.	0		<a href="#">get it</a>
manicure	2000-03-23	1	.	0	.	1		<a href="#">get it</a>
TP-08		2	.	0	.	0		
TP-08	2000-06-23	3	.	0	.	0		<a href="#">get it</a>
TP-09	2000-10-10	3	.	1	.	0		<a href="#">get it</a>
TP-10	2001-01-09	3	.	2	.	0		<a href="#">get it</a>
TP-11	2001-03-28	3	.	3	.	0		<a href="#">get it</a>
TP-12	2001-06-28	3	.	4	.	0		<a href="#">get it</a>
TP-13	2001-10-03	3	.	5	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1130

31 May 2005 21:14:51

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification**

R99 *current version:* 3.5.0 *WG (prime / other):* R5 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-10 G: U: yes *MCC:* BAEV, Stoyan

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).

*history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	1	<a href="#">get it</a>
TP-05	1999-10-08	0	.	0	.	6	<a href="#">get it</a>
TP-06	1999-12-17	1	.	0	.	0	<a href="#">get it</a>
TP-07	2000-03-15	1	.	0	.	1	<a href="#">get it</a>
TP-09	2000-09-22	2	.	0	.	0	<a href="#">get it</a>
TP-09	2000-10-06	3	.	1	.	0	<a href="#">get it</a>
TP-10	2001-01-09	3	.	2	.	0	<a href="#">get it</a>
TP-11	2001-03-28	3	.	3	.	0	<a href="#">get it</a>
TP-12	2001-06-28	3	.	4	.	0	<a href="#">get it</a>
TP-13	2001-10-04	3	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1131

31 May 2005 21:14:51

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99 *current version:* 3.9.0 *WG (prime / other):* R5 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 *G:* U: yes *MCC:* BAEV, Stoyan  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	0	0		<a href="#">get it</a>
Start work if STF fund +T2 input avail.		0	0	1		
TP-11	2001-03-28	1	0	0		<a href="#">get it</a>
TP-12	2001-06-28	1	0	3	TP-010124	<a href="#">get it</a>
draft	2001-10-11	1	0	5		<a href="#">get it</a>
TP-18	2002-12-16	2	0	0	text = TP-020301 (see also TP-020302), ttcn = TP-020320 which will be available by 2002-12-20.	<a href="#">get it</a>
TP-18	2002-12-18	3	0	0	Availability delayed pending availability of .mp file.	<a href="#">get it</a>
TP-19	2003-04-09	3	1	0		<a href="#">get it</a>
TP-20	2003-07-04	3	2	0	late availability due to delay in checking by WG members	<a href="#">get it</a>
TP-20	2003-07-15	3	2	1	Fixes bug in Telelogic tool output.	<a href="#">get it</a>
TP-21	2003-10-31	3	3	0	TTCN verification performed by Anritsu & Racal.	<a href="#">get it</a>
TP-22	2004-01-12	3	4	0		<a href="#">get it</a>
TP-23	2004-03-29	3	5	0	no MP file - to follow	<a href="#">get it</a>
TP-23	2004-04-13	3	5	1	With MP file.	<a href="#">get it</a>
post TP-23 edito	2004-04-14	3	5	2	Reorders some misplaced subclauses	<a href="#">get it</a>
TP-24	2004-07-02	3	6	0		<a href="#">get it</a>
post TP-24 editorial	2004-07-23	3	6	1	One correction performed in the NAS ATS part	<a href="#">get it</a>
TP-25	2004-10-07	3	7	0		<a href="#">get it</a>
TP-26	2004-12-23	3	8	0		<a href="#">get it</a>
TP-27	2005-04-01	3	9	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1132

31 May 2005 21:14:51

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

R99 *current version:* 3.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* T1->R4@TSG#10 *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

TP-03	1999-04-23	0	.	0	.	1		<a href="#">get it</a>
draft	1999-07-15	1	.	0	.	0		<a href="#">get it</a>
draft	1999-08-15	1	.	0	.	1		<a href="#">get it</a>
draft	1999-09-15	1	.	1	.	0		<a href="#">get it</a>
TP-05	1999-10-08	1	.	2	.	0		<a href="#">get it</a>
TP-06	1999-12-17	1	.	2	.	2		<a href="#">get it</a>
draft	2000-02-15	1	.	3	.	0		<a href="#">get it</a>
SWG T1 EMC at meeting-08	2000-02-28	2	.	0	.	0		<a href="#">get it</a>
TP-07		2	.	0	.	1	SP-000034	
TP-07	2000-03-15	3	.	0	.	0		<a href="#">get it</a>
TP-09	2000-10-05	3	.	1	.	0		<a href="#">get it</a>
RP-10	2001-01-09	3	.	2	.	0		<a href="#">get it</a>
RP-11	2001-04-05	3	.	3	.	0		<a href="#">get it</a>
RP-19	2003-04-04	3	.	4	.	0		<a href="#">get it</a>

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## TR 34.901 Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance

R99 *current version:* 3.0.0 *WG (prime / other):* R5 / *rapporteur:* YOKOYAMA, Mitsuru Agilent Technologies International Japan, Ltd.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* BAEV, Stoyan  
*remarks - general:* 2002-09-16: 34.801 -> 34.901.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-09-26: Anticipate approval at TP-18.

### *history (event, available, version, comments, hyperlink):*

TP-20	2003-06-17	2	.	0	.	0	TP-030105	<a href="#">get it</a>
TP-20	2003-06-17	2	.	0	.	1	TP-030145 (clause 4 modified). Doc claims to be v2.0.0	<a href="#">get it</a>
TP-20	2003-06-18	3	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1133

31 May 2005 21:14:51

ACTIVE specs R99 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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**TR 34.907 Report on electrical safety requirements and regulations**

R99 *current version:* 3.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-05 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03 1999-04-23 1 . 0 . 0 [get it](#)  
TP-05 1999-10-08 3 . 0 . 0 [get it](#)

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**TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions**

R99 *current version:* 3.0.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-04 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TP-03 1999-04-23 1 . 0 . 0 [get it](#)  
TP-04 1999-06-18 3 . 0 . 0 [get it](#)

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R99 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1134

31 May 2005 21:14:51

ACTIVE specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**

R99 *current version:* 3.2.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>
Formatting	2001-07-12	3	.	1	.	1	Sage makes source file available.	<a href="#">get it</a>
IPR, licence text	2001-08-20	3	.	1	.	2		<a href="#">get it</a>
SP-14	2002-01-07	3	.	2	.	0		<a href="#">get it</a>

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**TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**

R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07	2000-03-17	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available	<a href="#">get it</a>
Formatting	2001-07-12	3	.	1	.	1	Sage makes source file available.	<a href="#">get it</a>
IPR, licence text	2001-08-20	3	.	1	.	2		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1135

31 May 2005 21:14:51

ACTIVE specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data**

R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#)  
deliverable yet available  
Formatting 2001-07-16 3 . 1 . 1 Sage makes source file available. [get it](#)  
IPR, licence text 2001-08-20 3 . 1 . 2 [get it](#)

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**TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**

R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE; supplied by ETSI under licence *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#)  
deliverable yet available  
Formatting 2001-07-12 3 . 1 . 1 Sage makes source file available. [get it](#)  
IPR, licence text 2001-08-20 3 . 1 . 2 [get it](#)

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R99 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1136

31 May 2005 21:14:51

ACTIVE specs R99 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.216 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification**  
R99 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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**TS 55.217 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data**  
R99 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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**TS 55.218 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data**  
R99 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-26  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1137

31 May 2005 21:14:51

ACTIVE specs R99 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TR 55.919** **Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report**  
R99 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-26 One  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-09-30: Note: document only available with French export licence. *remarks - this release:* Fill in of missing Release

*history (event, available, version, comments, hyperlink):*

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## UMTS

UMTS 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TR 21.01U** **Requirements for the UMTS Terrestrial Radio Access (UTRA) system**  
UMTS *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories  
*freeze\_meeting:* *G:* *U:* *MCC:* USAI, Paolino  
*remarks - general:* Produced by ETSI SMG2. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		1	.	0	.	0
smg-22	1997-06-13	3	.	0	.	0
ETSI publication	1997-11-28	3	.	0	.	1

[get it](#)  
[get it](#)

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UMTS 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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# 3GPP specification status

Page 1138

31 May 2005 21:14:51

ACTIVE specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS**

UMTS *current version:* 3.2.0 *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL S.A.  
*freeze\_meeting:* G: U: MCC: USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

TC change control	1997-06-13	3	.	0	.	0	<a href="#">get it</a>
smg-23	1997-10-17	3	.	1	.	0	<a href="#">get it</a>
smg-25	1998-03-20	3	.	2	.	0	<a href="#">get it</a>

---

**TR 30.06U UTRA concept evaluation**

UMTS *current version:* 3.0.0 *WG (prime / other):* SP / *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* G: U: MCC: POPE, Maurice  
*remarks - general:* 2005-05-17: moved from GP to SP, as a more logical resting place. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft	1997-12-01	1	.	0	.	0	<a href="#">get it</a>
smg-24	1997-12-15	3	.	0	.	0	<a href="#">get it</a>

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## R98

R98 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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# 3GPP specification status

Page 1139

31 May 2005 21:14:51

ACTIVE specs R98 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R98 *current version:* 7.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* POPE, Maurice

*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20 2003-06-25 7 . 0 . 0

[get it](#)

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## TR 01.04 Abbreviations and acronyms

R98 *current version:* 7.0.0 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

R98 *current version:* 7.0.1 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 7 . 0 . 0

smg-26 1998-06-26 7 . 0 . 1

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# 3GPP specification status

Page 1140

31 May 2005 21:14:51

ACTIVE specs R98 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.33 Lawful Interception requirements for GSM**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #25: 7.0.0 (renumbered from 10.20)

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 7 . 0 . 0

[get it](#)

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**TS 01.56 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 0

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**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

upgrade to R98 2001-10-04 7 . 0 . 0

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R98

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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# 3GPP specification status

Page 1141

31 May 2005 21:14:51

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)

smg-29 1999-06-25 7 . 1 . 0 [get it](#)

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.0.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)

smg-29 1999-06-25 7 . 0 . 1 [get it](#)

ETSI publication 1999-12-13 7 . 0 . 2 [get it](#)

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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# 3GPP specification status

Page 1142

31 May 2005 21:14:51

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Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.04 General on Supplementary Services

R98 *current version:* 7.1.2  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul  
*G: yes U:* *MCC:* CLAYTON, Michael  
Research in Motion UK Limited

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	1	<a href="#">get it</a>
ETSI publication	1999-12-28	7	.	1	.	2	<a href="#">get it</a>

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## TS 02.06 Types of Mobile Stations (MS)

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John  
*G: yes U:* *MCC:* CLAYTON, Michael  
VODAFONE Group Plc

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-12-29	7	.	0	.	1	<a href="#">get it</a>

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## TS 02.07 Mobile Station (MS) Features

R98 *current version:* 7.1.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John  
*G: yes U:* *MCC:* CLAYTON, Michael  
VODAFONE Group Plc

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	7	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-08-03	7	.	0	.	1	<a href="#">get it</a>
SP-07	2000-03-15	7	.	1	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1143

31 May 2005 21:14:52

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<b>TS 02.09</b>	<b>Security aspects</b>				
R98	current version: 7.1.1	WG (prime / other): S3 / S1 / NP	rapporteur:	CHRISTOFFERSSON, Per	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:	MCC:	CLAYTON, Michael	
remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):					
	smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>	
	ETSI publication	2000-01-12	7 . 0 . 1	<a href="#">get it</a>	
	smg-31	2000-02-16	7 . 1 . 0	<a href="#">get it</a>	
	ETSI publication	2000-08-29	7 . 1 . 1	<a href="#">get it</a>	

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<b>TS 02.11</b>	<b>Service accessibility</b>				
R98	current version: 7.1.0	WG (prime / other): S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE SA
	freeze_meeting: smg-29	G: yes U:	MCC:	CLAYTON, Michael	
remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):					
	smg-27	1999-10-16	7 . 0 . 0	<a href="#">get it</a>	
	ETSI publication	1999-08-03	7 . 0 . 1	<a href="#">get it</a>	
	SP-11	2001-04-02	7 . 1 . 0	<a href="#">get it</a>	

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<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>				
R98	current version: 7.2.0	WG (prime / other): S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:	MCC:	CLAYTON, Michael	
remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):					
	smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>	
	smg-30	1999-11-11	7 . 1 . 0	<a href="#">get it</a>	
	SP-08	2000-06-23	7 . 2 . 0	<a href="#">get it</a>	

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# 3GPP specification status

Page 1144

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.17 Subscriber Identity Module (SIM); Functional characteristics**

R98 *current version:* 7.1.1 *WG (prime / other):* C6 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7	.	0	.	0	<a href="#">get it</a>
smg-27	1998-10-16	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	1	<a href="#">get it</a>

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**TS 02.19 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1**

R98 *current version:* 7.1.0 *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>

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**TS 02.22 Stage 1 for personalisation of GSM ME**

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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# 3GPP specification status

Page 1145

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.24 Description of Charge Advice Information (CAI)**

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-12 7 . 0 . 1

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**TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)**

R98 *current version:* 7.1.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
editorial 2002-07-19 7 . 1 . 1

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[get it](#)

[get it](#)

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**TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1**

R98 *current version:* 7.1.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 7 . 0 . 0  
smg-26 1998-06-26 7 . 1 . 0  
smg-29 1999-06-25 7 . 1 . 1

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Page 1146

31 May 2005 21:14:52

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## TS 02.32 Immediate Service Termination (IST); Service description; Stage 1

R98 *current version:* 7.1.1 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-29  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

draft	1996-06-26	1	.	0	.	0	<a href="#">get it</a>
draft	1998-03-01	2	.	0	.	0	<a href="#">get it</a>
smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	1	<a href="#">get it</a>

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## TS 02.33 Lawful Interception (LI); Stage 1

R98 *current version:* 7.3.0 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* smg-29 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
smg-27	1998-10-16	7	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	2	.	0	<a href="#">get it</a>
editorial		7	.	2	.	1	
smg-29	1999-06-25	7	.	3	.	0	<a href="#">get it</a>

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Page 1147

31 May 2005 21:14:52

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**TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 02.40 Procedures for Call Progress Indications**

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / NP *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 7 . 0 . 0  
edito 1999-07-28 7 . 0 . 1

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[get it](#)

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**TS 02.41 Operator Determined Barring**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

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Page 1148

31 May 2005 21:14:52

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Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1**

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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**TS 02.43 Support of Localised Service Area (SoLSA); Service description; Stage 1**

R98 *current version:* 7.3.0 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 7 . 0 . 0  
smg-28 7 . 1 . 0  
SP-05 7 . 2 . 0  
SP-08 2000-09-07 7 . 3 . 0 [get it](#)

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**TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1**

R98 *current version:* 7.0.0 *WG (prime / other):* C6 / S3 *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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Page 1149

31 May 2005 21:14:52

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Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1**

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 7 . 0 . 0 [get it](#)  
ETSI publication 1999-08-16 7 . 0 . 1 [get it](#)

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**TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1**

R98 *current version:* 7.2.1 *WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #27: 7.0.0 #28: 7.1.0 #29: 7.2.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 7 . 0 . 0 [get it](#)  
smg-28 1999-02-12 7 . 1 . 0 [get it](#)  
ETSI PE 1999-05-26 7 . 1 . 1 [get it](#)  
smg-29 1999-06-25 7 . 2 . 0 [get it](#)  
ETSI publication 2000-09-05 7 . 2 . 1 [get it](#)

---

**TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1**

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #25: 7.0.0 #29: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1150

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
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## TS 02.60 General Packet Radio Service Stage 1 Description

R98 *current version:* 7.5.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	2	.	0	<a href="#">get it</a>
SP-05	1999-10-08	7	.	3	.	0	<a href="#">get it</a>
SP-07	2000-03-15	7	.	4	.	0	<a href="#">get it</a>
SP-08	2000-06-23	7	.	5	.	0	<a href="#">get it</a>

---

## TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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## TS 02.66 Support of Mobile Number Portability (MNP); Service description; Stage 1

R98 *current version:* 7.1.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
SP-07	2000-03-15	7	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1151

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1**

R98 *current version:* 7.0.1 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#)

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**TS 02.68 Voice Group Call Service (VGCS); Stage 1**

R98 *current version:* 7.0.2 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
edito 1999-06-25 7 . 0 . 1 [get it](#)  
publish EN 300 925 2000-08-24 7 . 0 . 2 [get it](#)

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**TS 02.69 Voice Broadcast Service (VBS); Stage 1**

R98 *current version:* 7.0.2 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 1 [get it](#)  
ETSI publication 1999-12-29 7 . 0 . 2 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1152

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.71 Location Services (LCS); Stage 1

R98  
current version: 7.3.0  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-28	1999-02-12	1	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-08	7	.	1	.	0	<a href="#">get it</a>
SP-06	1999-12-15	7	.	2	.	0	<a href="#">get it</a>
SP-11	2001-04-06	7	.	3	.	0	<a href="#">get it</a>

---

## TS 02.72 Call Deflection Service description; Stage 1

R98  
current version: 7.2.1  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: HECHWARTNER, RolandT-Mobile International AG

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0

history (event, available, version, comments, hyperlink):

smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
smg-27	1998-10-16	7	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	2	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1153

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)**  
R98 *current version:* 7.2.0 *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
SP-10	2001-01-12	7	.	1	.	0	<a href="#">get it</a>
SP-14	2002-01-14	7	.	2	.	0	<a href="#">get it</a>

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**TS 02.79 Support of Optimal Routeing (SOR); Service definition (Stage 1)**  
R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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**TS 02.81 Line Identification Supplementary Services; Stage 1**  
R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1154

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R98 current version: 7.0.1  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: IBIDUN, Kunle ORANGE SA  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #28: 7.0.0

history (event, available, version, comments, hyperlink):

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 0 . 1

[get it](#)

[get it](#)

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## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

R98 current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1

R98 current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #29: 7.0.0

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1155

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola

Indicate persons who left Company and wait for new One

G: yes U: MCC: CLAYTON, Michael

remarks - this release: #29: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

R98  
current version: 7.0.0  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: DEOL, Amar

Nortel Networks (USA)

G: yes U: MCC: CLAYTON, Michael

remarks - this release: #29: 7.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

---

## TS 02.87 User-to-User Signalling (UUS) Service Description; Stage 1

R98  
current version: 7.1.2  
freeze\_meeting: smg-29

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes

T-Mobile International AG

G: yes U: MCC: CLAYTON, Michael

remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1

remarks - general:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 7 . 0 . 0

smg-28 1999-02-12 7 . 1 . 0

smg-29 1999-06-25 7 . 1 . 1

ETSI publication 1999-12-16 7 . 1 . 2

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1156

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 02.91 Explicit Call Transfer (ECT)**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1157

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1**

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1**

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 02.96 Name Identification Supplementary Services; Stage 1**

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1158

31 May 2005 21:14:52

ACTIVE specs R98 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.97 Multiple Subscriber Profile (MSP) Phase 1; Service description; Stage 1**

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2005-03-27: "Phase 1" added to title; phase 2 started with R99 (22.097). *remarks - this release:* #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)

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R98 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.01 Network Functions**

R98 *current version:* 7.0.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* SMG3->SA2 @ TSG#7 *remarks - this release:* #29:7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1159

31 May 2005 21:14:53

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Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.02 Network Architecture**  
R98 *current version: 7.1.0*  
*freeze\_meeting: smg-29*

*WG (prime / other):* S2 / NP / T2 *rapporteur:* MILINSKI, AlexanderSIEMENS AG

*G: yes U:* *MCC:* POPE, Maurice  
*remarks - this release: #29: 7.0.0 S#6: 7.1.0*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	7	.	1	.	0	<a href="#">get it</a>

---

**TS 03.03 Numbering, Addressing and Identification**

R98 *current version: 7.8.0*  
*freeze\_meeting: smg-29*

*WG (prime / other):* C4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-15	7	.	3	.	0	<a href="#">get it</a>
edito	2000-02-11	7	.	3	.	1	<a href="#">get it</a>
NP-07	1999-03-15	7	.	4	.	0	<a href="#">get it</a>
NP-08	2000-03-17	7	.	5	.	0	<a href="#">get it</a>
NP-12	2001-06-27	7	.	6	.	0	<a href="#">get it</a>
NP-16	2002-06-26	7	.	7	.	0	<a href="#">get it</a>
							SA did not approve companion CRs to 02.16.
NP-21	2003-10-09	7	.	8	.	0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1160

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
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## TR 03.05 Technical performance objectives

R98 *current version:* 7.0.0 *WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 03.07 Restoration Procedures

R98 *current version:* 7.1.0 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* Chalmers  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* KYMALAINEN, Kimmo

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

NP-06 1999-12-15 7 . 1 . 0 [get it](#)

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## TS 03.08 Organization of Subscriber Data

R98 *current version:* 7.5.0 *WG (prime / other):* C4 / - *rapporteur:*  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)

smg-29 1999-06-25 7 . 1 . 0 [get it](#)

NP-06 1999-12-17 7 . 2 . 0 [get it](#)

NP-07 2000-03-15 7 . 3 . 0 [get it](#)

NP-09 2000-10-31 7 . 4 . 0 [get it](#)

NP-20 2003-06-27 7 . 5 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1161

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
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**TS 03.09 Handover Procedures**  
R98 *current version: 7.0.0* *freeze\_meeting: smg-29* *WG (prime / other): C1 / -* *rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated*  
*G: yes U: MCC: JURISIC, Andrijana*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release: #29: 7.0.0*

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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**TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types**  
R98 *current version: 7.0.1* *freeze\_meeting: smg-29* *WG (prime / other): C3 / -* *rapporteur: HAN, Seung Don KT Freetel Co., Ltd.*  
*G: yes U: MCC: HAN, Seung Don*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 7 . 0 . 0 [get it](#)  
smg-29 1999-06-26 7 . 0 . 1 [get it](#)

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**TS 03.11 Technical Realization of Supplementary Services - General Aspects**  
R98 *current version: 7.0.1* *freeze\_meeting: smg-29* *WG (prime / other): C4 / -* *rapporteur: KOZA, Yvette T-Mobile International AG*  
*G: yes U: MCC: KYMALAINEN, Kimmo*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release: #29: 7.0.0*

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1162

31 May 2005 21:14:53

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## TS 03.12 Location Registration Procedures

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R98 *current version:* 7.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R98 *current version:* 7.0.1 *WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0

edito 1999-08-10 7 . 0 . 1

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1163

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
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## TS 03.15 Technical Realization of Operator Determined Barring

R98 *current version: 7.0.0* WG (prime / other): C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting: smg-29* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release: #29: 7.0.0*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 03.16 Subscriber Data Management

R98 *current version: 7.7.0* WG (prime / other): C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting: smg-29* G: yes U: *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
NP-06 1999-12-15 7 . 2 . 0 [get it](#)  
NP-07 2000-03-15 7 . 3 . 0 [get it](#)  
NP-09 2000-10-31 7 . 4 . 0 [get it](#)  
NP-11 2001-04-02 7 . 5 . 0 [get it](#)  
NP-17 2002-09-17 7 . 6 . 0 [get it](#)  
NP-23 2004-03-23 7 . 7 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1164

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
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**TS 03.18 Basic Call Handling**  
R98 *current version: 7.5.0* *WG (prime / other): C4 / -* *rapporteur: RUSSELL, Nick* *VODAFONE LTD*  
*freeze\_meeting: smg-29* *G: yes U:* *MCC: KYMALAINEN, Kimmo*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T.* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	7	.	3	.	0	<a href="#">get it</a>
NP-09	2000-10-31	7	.	4	.	0	<a href="#">get it</a>
NP-22	2004-01-12	7	.	5	.	0	<a href="#">get it</a>

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**TS 03.19 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card**  
R98 *current version: 7.5.0* *WG (prime / other): C6 / -* *rapporteur: DIETRICH, Christian* *Axalto S.A.*  
*freeze\_meeting: smg-29* *G: yes U:* *MCC: LENHART, Gabriele*  
*remarks - general: SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T.* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	1	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	1	.	0	<a href="#">get it</a>
TP-08	2000-06-23	7	.	2	.	0	<a href="#">get it</a>
TP-08	2000-09-28	7	.	3	.	0	<a href="#">get it</a>
TP-10	2001-03-07	7	.	4	.	0	<a href="#">get it</a>
TP-11	2001-07-27	7	.	5	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1165

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.20 Security-related network functions

R98 *current version:* 7.2.0 *freeze\_meeting:* smg-29  
*WG (prime / other):* S3 / NP / GP *rapporteur:* NGUYEN NGOC, Sebastien France Telecom

*G:* yes *U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #32:7.3.0? - status of CRs unclear.

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0		<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0		<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	CR at smg-32 would have created 7.3.0, but unclear whether or not approved	<a href="#">get it</a>

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## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

R98 *current version:* 7.4.0 *freeze\_meeting:* smg-29  
*WG (prime / other):* G1 / N1 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L. Skov

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0		<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0		<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0		<a href="#">get it</a>
SP-06	1999-12-15	7	.	3	.	0		<a href="#">get it</a>
SP-11	2001-04-11	7	.	4	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1166

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
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**TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TR 03.30 Radio Network Planning Aspects**

R98 *current version:* 7.1.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* GP / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #29: 7.0.0 #31:7.1.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

smg-31 2000-02-16 7 . 1 . 0

[get it](#)

[get it](#)

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**TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
G: yes U: *MCC:* CLAYTON, Michael

*remarks - general:* 2001-09-03: S3 secretary reports that this spec is not mature enough for official publication. Work continues in 43.031. SP-18: in fact, in 23.031.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26 1998-06-26 7 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1167

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.32 Universal Geographical Area Description (GAD)

R98 *current version:* 7.2.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S2 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
SP-08 2000-06-23 7 . 1 . 0  
SP-18 2003-01-09 7 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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## TS 03.33 Lawful Interception; Stage 2

R98 *current version:* 7.2.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
SP-10 2000-12-21 7 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* C1 / - *rapporteur:* SITCH, Paul NOKIA Corporation  
*G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1168

31 May 2005 21:14:53

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## TS 03.35 Immediate Service Termination (IST); Stage 2

R98  
current version: 7.0.1  
freeze\_meeting: smg-29

WG (prime / other): S3 / - rapporteur: WRIGHT, Tim  
G: yes U: MCC: CLAYTON, Michael

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 7 . 0 . 0  
ETSI publication 2001-10-30 7 . 0 . 1

[get it](#)  
[get it](#)

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## TS 03.38 Alphabets and language-specific information

R98  
current version: 7.2.0  
freeze\_meeting: smg-29

WG (prime / other): C1 / - rapporteur: HARRIS, Ian Research In Motion Limited  
G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: Moved to current group on closure of T2; see TP-050062.

remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 7 . 0 . 0  
smg-28 1999-02-12 7 . 1 . 0  
smg-29 1999-06-25 7 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1169

31 May 2005 21:14:53

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## TS 03.40 Technical realization of the Short Message Service (SMS)

R98 *current version:* 7.5.0 *WG (prime / other):* C1 / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7	.	0	.	0	<a href="#">get it</a>
smg-27	1998-10-16	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	2	.	0	<a href="#">get it</a>
TP-05	1999-10-08	7	.	3	.	0	<a href="#">get it</a>
TP-06	1999-12-15	7	.	4	.	0	<a href="#">get it</a>
TP-14	2002-01-11	7	.	5	.	0	<a href="#">get it</a>

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 *current version:* 7.4.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
TP-06	1999-12-15	7	.	2	.	0	<a href="#">get it</a>
TP-07	2000-03-15	7	.	3	.	0	<a href="#">get it</a>
TP-09	2000-10-19	7	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1170

31 May 2005 21:14:53

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**TS 03.42 SMS Compression**  
R98 *current version:* 7.1.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* TP-27: Former WG = T2. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	1	<a href="#">get it</a>

---

**TR 03.43 Support of Videotex**  
R98 *current version:* 7.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-08 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R98 *current version:* 7.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-08 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1171

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R98 *current version:* 7.0.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#)

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R98 *current version:* 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* SP-08 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1172

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R98 *current version:* 7.0.1 *WG (prime / other):* C6 / - *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 1 [get it](#)

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## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R98 *current version:* 7.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-08 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0 #32:7.1.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#)  
smg-32 2000-06-20 7 . 1 . 0 [get it](#)  
ETSI publication 2000-11-28 7 . 1 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1173

31 May 2005 21:14:53

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2**

R98 *current version:* 7.1.1 *WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #28: 7.0.0 #29: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
ETSI PE	1999-05-26	7 . 0 . 1	<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 0	<a href="#">get it</a>
ETSI publication	2000-09-05	7 . 1 . 1	<a href="#">get it</a>

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**TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2**

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / NP / S2 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS  
(EUROPE) *freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Mar00: prime responsibility txfrd to SMG11

*remarks - this release:* #25: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	7 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 0 . 1	<a href="#">get it</a>

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**TS 03.54 Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2**

R98 *current version:* 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1174

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2

R98 *current version:* 7.1.1 *WG (prime / other):* S2 / - *rapporteur:* ROBERTS, Martin Nortel  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* #27: for info #28: 7.0.0 #29: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
ETSI PE	1999-05-26	7	.	0	.	1	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
ETSI publication	2000-09-05	7	.	1	.	1	<a href="#">get it</a>

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## TS 03.57 Mobile Station Application Execution Environment (MExE); Functional description; Stage 2

R98 *current version:* 7.2.0 *WG (prime / other):* C1 / - *rapporteur:* BRENK, Lars TTP Communications plc  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:* #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
TP-06	1999-12-15	7	.	1	.	0	<a href="#">get it</a>
TP-07	2000-03-15	7	.	2	.	0	<a href="#">get it</a>

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## TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

R98 *current version:* 7.0.0 *WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1175

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2

R98 *current version:* 7.9.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1998-02-12	7 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 0	<a href="#">get it</a>
ETSI publication	2000-01-20	7 . 1 . 1	<a href="#">get it</a>
SP-05	1999-10-08	7 . 2 . 0	<a href="#">get it</a>
SP-06	1999-12-15	7 . 3 . 0	<a href="#">get it</a>
ETSI publication	2000-07-07	7 . 3 . 1	<a href="#">get it</a>
SP-07	2000-03-15	7 . 4 . 0	<a href="#">get it</a>
ETSI publication	2000-09-22	7 . 4 . 1	<a href="#">get it</a>
SP-09	2001-02-01	7 . 5 . 0	<a href="#">get it</a>
SP-11	2001-04-19	7 . 6 . 0	<a href="#">get it</a>
SP-12	2001-06-29	7 . 7 . 0	<a href="#">get it</a>
SP-14	2002-01-08	7 . 8 . 0	<a href="#">get it</a>
edito		7 . 8 . 1	
SP-17	2002-10-02	7 . 9 . 0	<a href="#">get it</a>

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## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C1 / - *rapporteur:* JACOBSONH, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	7 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1176

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2**

R98 *current version:* 7.3.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>

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**TS 03.66 Support of GSM Mobile Number Portability (MNP); Stage 2**

R98 *current version:* 7.3.1 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.) TSG#7: 7.3.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	7	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-10-10	7	.	3	.	1	<a href="#">get it</a>

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**TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2**

R98 *current version:* 7.2.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-17	7	.	1	.	0	<a href="#">get it</a>
NP-10	2000-12-21	7	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1177

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R98 *current version:* 7.3.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
NP-07	1999-12-15	7	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-12	7	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-10	7	.	3	.	0	<a href="#">get it</a>

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## TS 03.69 Voice Broadcast service (VBS); Stage 2

R98 *current version:* 7.3.0 *WG (prime / other):* C1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
NP-07	2000-03-15	7	.	1	.	0	<a href="#">get it</a>
NP-09	2000-10-12	7	.	2	.	0	<a href="#">get it</a>
NP-21	2003-10-13	7	.	3	.	0	<a href="#">get it</a>

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## TS 03.70 Routeing of Calls to/from Public Data Networks (PDN)

R98 *current version:* 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1178

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.71 Location Services (LCS); Functional description; Stage 2**

R98 *current version:* 7.11.0

*freeze\_meeting:* smg-29

*WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard

*G: yes U:* *MCC:* POPE, Maurice

NORTEL NETWORKS (EUROPE)

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	1	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
SA2-06	1999-07-30	7	.	2	.	0	<a href="#">get it</a>
edito	1999-12-29	7	.	2	.	1	<a href="#">get it</a>
smg-31	2000-02-16	7	.	3	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	4	.	0	<a href="#">get it</a>
SP-11	2001-04-11	7	.	5	.	0	<a href="#">get it</a>
SP-12	2001-06-29	7	.	6	.	0	<a href="#">get it</a>
SP-13	2001-10-15	7	.	7	.	0	<a href="#">get it</a>
SP-14	2002-01-07	7	.	8	.	0	<a href="#">get it</a>
SP-15	2002-04-02	7	.	9	.	0	<a href="#">get it</a>
SP-16	2002-06-17	7	.	10	.	0	<a href="#">get it</a>
SP-24	2004-06-23	7	.	11	.	0	<a href="#">get it</a>

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**TS 03.72 Call Deflection stage 2**

R98 *current version:* 7.1.0

*freeze\_meeting:* smg-29

*WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

T-Mobile International AG

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #28: 7.0.0 TSG#5 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	1	<a href="#">get it</a>
NP-05	1999-10-08	7	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1179

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version:* 7.2.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.CP-27: change of WG *remarks - this release:* #27: for info  
as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	<a href="#">get it</a>

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## TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version:* 7.8.1 *WG (prime / other):* C4 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of *remarks - this release:*  
closure of CN and T.

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-08-16	7	.	0	.	1	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-13	7	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-17	7	.	3	.	0	<a href="#">get it</a>
NP-08	2000-06-23	7	.	4	.	0	<a href="#">get it</a>
NP-10	2001-01-04	7	.	5	.	0	<a href="#">get it</a>
NP-12	2001-07-02	7	.	6	.	0	<a href="#">get it</a>
visible figures	2001-07-04	7	.	6	.	1	<a href="#">get it</a>
NP-14	2002-01-04	7	.	7	.	0	<a href="#">get it</a>
NP-16	2002-06-17	7	.	8	.	0	<a href="#">get it</a>
Editorial correction to SDLs	2002-08-21	7	.	8	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1180

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
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## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version:* 7.3.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-15	7	.	3	.	0	<a href="#">get it</a>

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## TS 03.81 Line Identification Supplementary Services; Stage 2

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	1	<a href="#">get it</a>

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1181

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.84 Multi Party (MPTY) Supplementary Services; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1182

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#)

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## TS 03.87 User-to-user signalling (UUS); Stage 2

R98 *current version:* 7.0.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 1 [get it](#)  
ETSI publication 1999-12-17 7 . 0 . 2 [get it](#)

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1183

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1184

31 May 2005 21:14:54

ACTIVE specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.96 Name Identification Supplementary Services; Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 03.97 Multiple subscriber Profile (MSP); Stage 2

R98 *current version:* 7.2.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
NP-05 1999-10-08 7 . 1 . 1 [get it](#)  
NP-06 1999-12-15 7 . 2 . 0 [get it](#)

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R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1185

31 May 2005 21:14:54

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**

R98 *current version:* 7.0.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**

R98 *current version:* 7.0.0 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1186

31 May 2005 21:14:54

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.04 Layer 1 - General Requirements**

R98 *current version:* 7.0.0

*freeze\_meeting:* smg-29

*WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG

*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 04.05 Data Link (DL) Layer General Aspects**

R98 *current version:* 7.1.2

*freeze\_meeting:* smg-29

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

ETSI publication 2000-01-12 7 . 0 . 1

[get it](#)

smg-31 2000-02-16 7 . 1 . 0

[get it](#)

Editorial correction 2000-03-16 7 . 1 . 1

[get it](#)

ETSI publication 2000-09-22 7 . 1 . 2

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1187

31 May 2005 21:14:54

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 *current version:* 7.2.1 *WG (prime / other):* G2 / - *rporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-12-14	7	.	0	.	1	<a href="#">get it</a>
smg-31	2000-02-16	7	.	1	.	0	<a href="#">get it</a>
Editorial correction	2000-02-16	7	.	1	.	1	<a href="#">get it</a>
ETSI publication	2000-09-29	7	.	1	.	2	<a href="#">get it</a>
GP-03	2001-01-31	7	.	2	.	0	<a href="#">get it</a>
edito	2001-01-31	7	.	2	.	1	<a href="#">get it</a>

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R98 *current version:* 7.3.0 *WG (prime / other):* C1 / - *rporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-15	7	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1188

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R98 *current version:* 7.21.0 *WG (prime / other):* C1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
edito	1999-07-15	7	.	1	.	1	<a href="#">get it</a>
ETSI OAP	1999-08-11	7	.	1	.	2	<a href="#">get it</a>
ETSI publication	1999-12-29	7	.	1	.	3	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	3	.	0	<a href="#">get it</a>
NP-06	1999-12-15	7	.	4	.	0	<a href="#">get it</a>
ETSI publication	2000-09-20	7	.	4	.	2	<a href="#">get it</a>
smg-31	2000-02-16	7	.	5	.	0	<a href="#">get it</a>
edito	2000-02-20	7	.	5	.	1	<a href="#">get it</a>
NP-07	2000-03-15	7	.	6	.	0	<a href="#">get it</a>
ETSI publicaton	2000-10-05	7	.	6	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	7	.	0	<a href="#">get it</a>
smg-32	2000-06-28	7	.	8	.	0	<a href="#">get it</a>
GP-01/NP-09	2000-10-12	7	.	9	.	0	<a href="#">get it</a>
edito	2000-11-02	7	.	9	.	1	<a href="#">get it</a>
NP-10	2001-01-02	7	.	10	.	0	<a href="#">get it</a>
GP-04	2001-04-11	7	.	11	.	0	<a href="#">get it</a>
GP-05	2001-06-18	7	.	12	.	0	<a href="#">get it</a>
NP-12	2001-07-13	7	.	13	.	0	<a href="#">get it</a>
GP-06	2001-09-14	7	.	14	.	0	<a href="#">get it</a>
GP-07	2002-01-04	7	.	15	.	0	<a href="#">get it</a>
NP-14	2002-01-07	7	.	16	.	0	<a href="#">get it</a>
GP-08	2002-02-19	7	.	17	.	0	<a href="#">get it</a>
NP-17	2002-09-17	7	.	18	.	0	<a href="#">get it</a>
NP-18	2002-12-18	7	.	19	.	0	<a href="#">get it</a>
correction to	2003-04-25	7	.	19	.	1	<a href="#">get it</a>
history box							
GP-15	2003-07-10	7	.	20	.	0	<a href="#">get it</a>
edirial	2003-09-12	7	.	20	.	1	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1189

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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NP-22 2004-01-05 7 . 21 . 0

[get it](#)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R98 *current version:* 7.1.0 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, RAMACHANDRAN, QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 *G: yes U:* MCC: KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0

[get it](#)

smg-29 1999-06-25 7 . 0 . 1

[get it](#)

NP-14 2002-01-10 7 . 1 . 0

[get it](#)

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R98 *current version:* 7.1.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana  
*freeze\_meeting:* smg-29 *G: yes U:* MCC:

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

NP-09 2000-10-12 7 . 1 . 0

[get it](#)

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## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R98 *current version:* 7.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter, QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 *G: yes U:* MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

ETSI publication 2000-01-12 7 . 0 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1190

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.13 Performance Requirements on Mobile Radio Interface

R98 *current version:* 7.0.1 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	
ETSI publication	2000-01-12	7	.	0	.	1	<a href="#">get it</a>

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## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R98 *current version:* 7.3.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
smg-32	2000-06-20	7	.	2	.	0	<a href="#">get it</a>
GP-10	2002-07-19	7	.	3	.	0	<a href="#">get it</a>

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## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R98 *current version:* 7.1.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 7.0.0 TSG#8:7.1.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	7	.	0	.	0	<a href="#">get it</a>
edito	1998-11-23	7	.	0	.	1	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	2	<a href="#">get it</a>
ETSI publication	1999-12-14	7	.	0	.	3	<a href="#">get it</a>
NP-08	2000-06-21	7	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1191

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services**  
R98 *current version: Switching Centre (BSS - MSC) interface* 7.1.0 *WG (prime / other):* C3 /- *rapporteur:* KLEHN, Norbert  
SIEMENS AG

*freeze\_meeting:* smg-29 G: yes U: MCC: HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-08-31	7	.	0	.	1	<a href="#">get it</a>
NP-06	1999-12-15	7	.	1	.	0	<a href="#">get it</a>

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**TS 04.30 Location Services (LCS); Supplementary service operations; Stage 3**  
R98 *current version: 7.3.0* *WG (prime / other):* C4 /- *rapporteur:* HUTTON, David NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-29 G: yes U: MCC: KYMALAINEN, Kimmo

*remarks - general:* Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3 and the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30b	1999-12-06	7	.	0	.	1	<a href="#">get it</a>
smg-31	2000-02-16	7	.	1	.	0	<a href="#">get it</a>
SP-08	2000-06-21	7	.	2	.	0	<a href="#">get it</a>
NP-14	2002-01-10	7	.	3	.	0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1192

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.31 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)**

R98 *current version:* 7.19.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30		1	.	0	.	0		
smg-30b	1999-12-06	7	.	0	.	1		<a href="#">get it</a>
smg-31	2000-02-16	7	.	1	.	0		<a href="#">get it</a>
smg-31b	2000-04-17	7	.	2	.	0		<a href="#">get it</a>
GP-02	2000-11-30	7	.	3	.	0		<a href="#">get it</a>
GP-03	2001-01-31	7	.	4	.	0		<a href="#">get it</a>
edito	2001-01-31	7	.	4	.	1		<a href="#">get it</a>
GP-04	2001-05-04	7	.	5	.	0		<a href="#">get it</a>
GP-05	2001-06-18	7	.	6	.	0		<a href="#">get it</a>
GP-06	2001-09-14	7	.	7	.	0		<a href="#">get it</a>
GP-07	2002-01-08	7	.	8	.	0		<a href="#">get it</a>
GP-08	2002-02-19	7	.	9	.	0		<a href="#">get it</a>
GP-09	2002-05-02	7	.	10	.	0		<a href="#">get it</a>
GP-10	2002-07-19	7	.	11	.	0		<a href="#">get it</a>
GP-16	2003-09-12	7	.	12	.	0		<a href="#">get it</a>
GP-18	2004-02-23	7	.	13	.	0		<a href="#">get it</a>
GP-19	2004-05-06	7	.	14	.	0		<a href="#">get it</a>
GP-20	2004-07-23	7	.	15	.	0		<a href="#">get it</a>
GP-21	2004-09-04	7	.	16	.	0		<a href="#">get it</a>
GP-22	2004-11-29	7	.	17	.	0		<a href="#">get it</a>
GP-23	2005-02-11	7	.	18	.	0		<a href="#">get it</a>
GP-24	2005-04-21	7	.	19	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1193

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.35 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods**

R98 *current version:* 7.4.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30b	1999-12-06	7	.	0	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	1	.	0	<a href="#">get it</a>
GP-01	2000-10-11	7	.	2	.	0	<a href="#">get it</a>
GP-03	2001-01-31	7	.	3	.	0	<a href="#">get it</a>
GP-07	2002-01-08	7	.	4	.	0	<a href="#">get it</a>

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**TS 04.56 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification**

R98 *current version:* 7.1.1 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #28: 7.0.0 #29: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
ETSI PE	1999-05-25	7	.	0	.	1	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
ETSI publication	2000-09-05	7	.	1	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1194

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**

R98 *current version:* 7.0.3 *WG (prime / other):* C1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
ETSI PE	1999-05-26	7	.	0	.	1	<a href="#">get it</a>
ETSI Vote	2000-05-22	7	.	0	.	2	<a href="#">get it</a>
ETSI publication	2000-09-05	7	.	0	.	3	<a href="#">get it</a>

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**TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol**

R98 *current version:* 7.10.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	3	.	0	<a href="#">get it</a>
smg-32	2000-06-28	7	.	5	.	0	<a href="#">get it</a>
GP-01	2000-10-11	7	.	6	.	0	<a href="#">get it</a>
GP-02	2000-11-27	7	.	7	.	0	<a href="#">get it</a>
GP-03	2001-01-31	7	.	8	.	0	<a href="#">get it</a>
GP-04	2001-05-04	7	.	9	.	0	<a href="#">get it</a>
GP-10	2002-07-19	7	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1195

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**

R98 *current version:* 7.0.0 *WG (prime / other):* C1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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**TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification**

R98 *current version:* 7.5.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
smg-30 1999-11-11 7 . 1 . 0 [get it](#)  
SP-06 1999-12-15 7 . 2 . 0 [get it](#)  
smg-31 2000-02-16 7 . 3 . 0 [get it](#)  
NP-10 2001-01-02 7 . 4 . 0 [get it](#)  
NP-14 2002-01-04 7 . 5 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1196

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**

R98 *current version:* 7.3.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only. CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
post SP-06	1999-12-15	7	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	3	.	0	<a href="#">get it</a>

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**TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
ETSI publication	2000-01-12	7	.	0	.	1	<a href="#">get it</a>

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**TS 04.68 Group Call Control (GCC) Protocol**

R98 *current version:* 7.2.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	7	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1197

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.69 Broadcast Call Control (BCC) protocol

R98 *current version:* 7.2.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
NP-07	2000-03-15	7	.	2	.	0	<a href="#">get it</a>

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## TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R98 *current version:* 7.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*remarks - general:* Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	1	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30b	1999-12-15	7	.	1	.	1	<a href="#">get it</a>
smg-32	2000-06-28	7	.	2	.	0	<a href="#">get it</a>
GP-05	2001-06-18	7	.	3	.	0	<a href="#">get it</a>
GP-07	2002-01-08	7	.	4	.	0	<a href="#">get it</a>
GP-10	2002-07-22	7	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1198

31 May 2005 21:14:55

ACTIVE specs R98 04 .- series  
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## TS 04.72 Call Deflection (CD) Supplementary Service; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: for info #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
ETSI publication	2001-10-30	7 . 0 . 1	<a href="#">get it</a>

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## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R98 *current version:* 7.4.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
NP-06	1999-12-15	7 . 1 . 0	<a href="#">get it</a>
NP-07	2000-03-15	7 . 2 . 0	<a href="#">get it</a>
NP-08	2000-06-21	7 . 3 . 0	<a href="#">get it</a>
NP-09	2000-09-28	7 . 4 . 0	<a href="#">get it</a>
editorial	2003-10-09	7 . 4 . 1	<a href="#">get it</a>

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## TS 04.81 Line Identification Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
Publication	2000-01-12	7 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1199

31 May 2005 21:14:56

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98 *current version:* 7.0.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
<to be defined> 1999-12-14 7 . 0 . 2 [get it](#)

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
Publication 2000-01-12 7 . 0 . 1 [get it](#)

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## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-12 7 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1200

31 May 2005 21:14:56

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3**

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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**TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3**

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-12 7 . 0 . 1 [get it](#)

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**TS 04.87 User-to-User Signalling (UUS) Supplementary Service; Stage 3**

R98 *current version:* 7.0.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-12-16 7 . 0 . 2 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1201

31 May 2005 21:14:56

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.88 Call Barring (CB) Supplementary Services; Stage 3**

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 04.90 Unstructured Supplementary Service Data (USSD)**

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

ETSI Publication 2000-01-12 7 . 0 . 1

[get it](#)

[get it](#)

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**TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3**

R98 *current version:* 7.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

ETSI Publication 2000-01-12 7 . 0 . 1

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[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1202

31 May 2005 21:14:56

ACTIVE specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3**

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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**TS 04.96 Name Identification Supplementary Services; Stage 3**

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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R98

05 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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# 3GPP specification status

Page 1203

31 May 2005 21:14:56

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.01 Physical Layer on the Radio Path (General Description)

R98 *current version:* 7.2.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* MCC: USAI, Paolino

NOKIA MOBILE PHONES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
GP-07	2002-01-04	7	.	2	.	0	<a href="#">get it</a>

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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 *current version:* 7.7.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-07-17	7	.	3	.	1	<a href="#">get it</a>
smg-31	2000-02-16	7	.	4	.	0	<a href="#">get it</a>
ETSI publication	2000-09-29	7	.	4	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	5	.	0	<a href="#">get it</a>
ETSI publication	2000-10-17	7	.	5	.	1	<a href="#">get it</a>
GP-02	2000-11-24	7	.	6	.	0	<a href="#">get it</a>
edito	2000-11-30	7	.	6	.	1	<a href="#">get it</a>
edito	2001-04-20	7	.	6	.	2	<a href="#">get it</a>
GP-06	2001-10-01	7	.	7	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1204

31 May 2005 21:14:56

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.03 Channel coding**

R98 *current version:* 7.3.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	<a href="#">get it</a>
smg-31	1999-02-16	7	.	3	.	0	<a href="#">get it</a>
ETSI publication	2001-02-17	7	.	3	.	1	<a href="#">get it</a>

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**TS 05.04 Modulation**

R98 *current version:* 7.3.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
ETSI publication	2000-06-20	7	.	0	.	1	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	1	.	0	<a href="#">get it</a>
ETSI publication	2000-06-20	7	.	1	.	1	<a href="#">get it</a>
GP-03	2001-02-15	7	.	2	.	0	<a href="#">get it</a>
GP-05	2001-06-29	7	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1205

31 May 2005 21:14:56

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.05 Radio Transmission and Reception

R98 *current version:* 7.9.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
ETSI publication	1999-12-14	7	.	1	.	1	<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-10-15	7	.	3	.	1	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	4	.	0	<a href="#">get it</a>
ETSI publication	2000-10-27	7	.	4	.	1	<a href="#">get it</a>
GP-01	2000-10-10	7	.	5	.	0	<a href="#">get it</a>
GP-06	2001-10-01	7	.	6	.	0	<a href="#">get it</a>
GP-09	2002-05-06	7	.	7	.	0	<a href="#">get it</a>
GP-10	2002-07-19	7	.	8	.	0	<a href="#">get it</a>
GP-11	2002-09-19	7	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1206

31 May 2005 21:14:56

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.08 Radio subsystem link control**

R98  
*current version: 7.7.0*  
*freeze\_meeting: smg-29*

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25		7	.	0	.	0	
smg-29		7	.	1	.	0	
smg-30		7	.	2	.	0	
smg-30b		7	.	3	.	0	
ETSI publication		7	.	3	.	1	
smg-31b	2000-04-17	7	.	4	.	0	<a href="#">get it</a>
ETSI publication		7	.	4	.	1	
GP-01	2000-10-10	7	.	5	.	0	<a href="#">get it</a>
GP-02	2000-11-24	7	.	6	.	0	<a href="#">get it</a>
edito	2000-11-30	7	.	6	.	1	<a href="#">get it</a>
GP-06	2001-10-01	7	.	7	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1207

31 May 2005 21:14:56

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.09 Link adaptation

R98 *current version:* 7.7.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0		<a href="#">get it</a>
smg-29	1999-06-24	7	.	0	.	1		<a href="#">get it</a>
ETSI publication	1999-12-16	7	.	0	.	2		<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0		<a href="#">get it</a>
smg-31	1999-02-16	7	.	2	.	0		<a href="#">get it</a>
ETSI publication	2000-10-05	7	.	2	.	1		<a href="#">get it</a>
smg-32	2000-06-28	7	.	3	.	0		<a href="#">get it</a>
GP-02	2000-09-01	7	.	4	.	0		<a href="#">get it</a>
GP-03	2001-02-15	7	.	5	.	0		<a href="#">get it</a>
remove revision	2001-07-31	7	.	5	.	1		<a href="#">get it</a>
marks								
GP-06	2001-10-01	7	.	6	.	0		<a href="#">get it</a>
GP-07	2002-01-04	7	.	7	.	0		<a href="#">get it</a>

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## TS 05.10 Radio subsystem synchronization

R98 *current version:* 7.4.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* GERAN#2:7.4.0

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7	.	0	.	0		<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0		<a href="#">get it</a>
ETSI publication	1999-12-14	7	.	1	.	1		<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0		<a href="#">get it</a>
smg-31b	2000-04-17	7	.	3	.	0		<a href="#">get it</a>
ETSI publication	2000-10-17	7	.	3	.	1		<a href="#">get it</a>
GP-02	2000-11-24	7	.	4	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 1208

31 May 2005 21:14:56

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.14 Release independent frequency bands; Implementation guidelines

R98 *current version:* 7.2.0 *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time. From R99 onwards, the requirements are incorporated into the mainstreams specs.  
*remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. GERAN#2:7.0.0

*history (event, available, version, comments, hyperlink):*

GP-02 2001-01-05 7 . 0 . 0  
GP-05 2001-06-29 7 . 1 . 0  
GP-10 2002-07-19 7 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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## TR 05.22 Radio link management in hierarchical networks

R98 *current version:* 7.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to Release 2000-03-30 7 . 0 . 0  
98

[get it](#)

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## TR 05.50 Background for RF Requirements

R98 *current version:* 7.4.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
Skov

*remarks - general:*  
*remarks - this release:* #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0

*history (event, available, version, comments, hyperlink):*

smg-26 1998-06-26 7 . 0 . 0  
smg-29 1999-06-25 7 . 1 . 0  
smg-30 1999-11-11 7 . 2 . 0  
smg-31 2000-02-16 7 . 3 . 0  
smg-31b 2000-04-17 7 . 4 . 0

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# 3GPP specification status

Page 1209

31 May 2005 21:14:56

ACTIVE specs R98 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem

R98 *current version:* 7.1.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
ETSI Publication	2000-09-05	7	.	1	.	1	<a href="#">get it</a>

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## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R98 *current version:* 7.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.

*history (event, available, version, comments, hyperlink):*

upgrade to R98	2001-04-10	7	.	0	.	0	<a href="#">get it</a>
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R98

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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# 3GPP specification status

Page 1210

31 May 2005 21:14:56

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.01 Full Rate Speech Processing Functions

R98 *current version:* 7.0.2  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-14 7 . 0 . 2

[get it](#)

[get it](#)

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## TS 06.02 Half Rate Speech Processing Functions

R98 *current version:* 7.0.2  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-14 7 . 0 . 2

[get it](#)

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## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-20 7 . 0 . 1

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# 3GPP specification status

Page 1211

31 May 2005 21:14:56

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec**

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-20 7 . 0 . 1 [get it](#)

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**TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec**

R98 *current version:* 7.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1212

31 May 2005 21:14:56

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.10 Full Rate Speech Transcoding

R98 *current version:* 7.2.0

*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar

G: yes U: *MCC:* USAI, Paolino

PHILIPS Semiconductors

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
ETSI OAP	1999-07-28	7 . 0 . 1	<a href="#">get it</a>
ETSI publication	1999-12-14	7 . 0 . 2	<a href="#">get it</a>
inclusion of zip files	2000-03-29	7 . 0 . 3	<a href="#">get it</a>
inclusion of doc file	2000-05-31	7 . 0 . 4	<a href="#">get it</a>
(!)			
smg-32	2000-06-20	7 . 1 . 0	<a href="#">get it</a>
SP-12	2001-06-29	7 . 2 . 0	<a href="#">get it</a>

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R98 *current version:* 7.0.1

*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William

G: yes U: *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
ETSI Publication	1999-12-29	7 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1213

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R98 *current version:* 7.1.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1  
SP-12 2001-06-29 7 . 1 . 0

[get it](#)

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## TS 06.20 Half Rate Speech Transcoding

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-17 7 . 0 . 1

[get it](#)

[get it](#)

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## TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI publication 2000-01-17 7 . 0 . 1

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# 3GPP specification status

Page 1214

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-20 7 . 0 . 1 [get it](#)

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-12 7 . 0 . 1 [get it](#)

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## TS 06.32 Voice Activity Detection (VAD)

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-13 7 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1215

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-20 7 . 0 . 1 [get it](#)

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## TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-20 7 . 0 . 1 [get it](#)

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## TS 06.51 GSM Enhanced full rate speech processing functions: General description

R98 *current version:* 7.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 0 . 1 [get it](#)  
smg-32 2000-06-20 7 . 1 . 0 [get it](#)  
ETSI publication 2000-11-30 7 . 1 . 1 [get it](#)  
SP-10 2000-12-20 7 . 2 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1216

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-01-12 7 . 0 . 1 [get it](#)

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**TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)**

R98 *current version:* 7.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)  
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#)  
SP-10 2000-12-20 7 . 2 . 0 [get it](#)

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**TR 06.55 Performance characterisation of the GSM EFR Speech Codec**

R98 *current version:* 7.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1217

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.60 Enhanced full rate speech transcoding**

R98 *current version:* 7.0.2  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0  
ETSI Publication 1999-12-13 7 . 0 . 2

[get it](#)

[get it](#)

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**TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels**

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1

[get it](#)

[get it](#)

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**TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

R98 *current version:* 7.0.1  
*freeze\_meeting:* smg-29

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0  
ETSI Publication 2000-01-12 7 . 0 . 1

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[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1218

31 May 2005 21:14:57

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Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.71 Adaptive Multi-Rate speech processing functions; General description**

R98 *current version:* 7.0.2 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
ETSI Publication	1999-12-16	7 . 0 . 2	<a href="#">get it</a>

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**TS 06.73 Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec**

R98 *current version:* 7.6.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 0	<a href="#">get it</a>
smg-30	1999-11-11	7 . 2 . 0	<a href="#">get it</a>
SP-06	1999-12-17	7 . 3 . 0	<a href="#">get it</a>
SP-07	2000-03-15	7 . 4 . 0	<a href="#">get it</a>
ETSI Publication	2000-09-28	7 . 4 . 1	<a href="#">get it</a>
SP-11	2001-04-10	7 . 5 . 0	<a href="#">get it</a>
SP-14	2002-01-09	7 . 6 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1219

31 May 2005 21:14:57

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Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.74 Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec**

R98 *current version:* 7.3.0 *WG (prime / other):* S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	2	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	7	.	0	.	0	<a href="#">get it</a>
corrected test	2000-02-04	7	.	0	.	1	<a href="#">get it</a>
vectors							
corrected test	2000-09-14	7	.	0	.	2	<a href="#">get it</a>
vectors							
ETSI publication	2000-10-05	7	.	0	.	3	<a href="#">get it</a>
SP-11	2001-04-10	7	.	1	.	0	<a href="#">get it</a>
corrected tests	2001-07-04	7	.	1	.	1	<a href="#">get it</a>
SP-15	2002-03-28	7	.	2	.	0	<a href="#">get it</a>
SP-16	2002-06-28	7	.	3	.	0	<a href="#">get it</a>

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**TR 06.75 Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec**

R98 *current version:* 7.2.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:* SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	1	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	7	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-17	7	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1220

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
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## TR 06.76 Adaptive Multi-Rate (AMR) speech codec; Study phase report

R98 *current version:* 7.0.2 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* New at SMG#31. Then became 06.77; new 06.76 has new title. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-31	2000-02-16	1 . 0 . 0	<a href="#">get it</a>
SP-07		2 . 0 . 0	SP-000023
SP-07	2000-03-17	7 . 0 . 0	<a href="#">get it</a>
fix invisible figures	2002-01-10	7 . 0 . 1	<a href="#">get it</a>
refix invisible figures	2002-01-15	7 . 0 . 2	<a href="#">get it</a>

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## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0 #30: 7.1.0

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	7 . 1 . 0	<a href="#">get it</a>
ETSI Publication	2000-05-09	7 . 1 . 1	<a href="#">get it</a>

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## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #29: 7.0.0

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
ETSI Publication	2000-01-12	7 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1221

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**  
R98 *current version: 7.0.0* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release: #29: 7.0.0*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 06.90 Adaptive Multi-Rate speech transcoding**  
R98 *current version: 7.2.1* WG (prime / other): S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

smg-30 1999-11-11 7 . 2 . 0

ETSI Publication 2000-05-09 7 . 2 . 1

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**TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels**  
R98 *current version: 7.1.1* WG (prime / other): S4 / - *rapporteur:* BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release: #28: 7.0.0 #30: 7.1.0*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0

smg-30 1999-11-11 7 . 1 . 0

ETSI Publication 2000-05-09 7 . 1 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1222

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*remarks - general: SMG11->S4 at SMG#30* *remarks - this release: #28: 7.0.0 #29: 7.1.0*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 0	<a href="#">get it</a>
ETSI Publication	1999-12-17	7 . 1 . 1	<a href="#">get it</a>

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## TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.5.0* WG (prime / other): S4 / - rapporteur: BRUHN, Stefan Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*remarks - general: SMG11->S4 at SMG#30* *remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0 TSG#10:7.5.0*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 0	<a href="#">get it</a>
smg-30	1999-11-11	7 . 2 . 0	<a href="#">get it</a>
SP-06	1999-12-17	7 . 3 . 0	<a href="#">get it</a>
ETSI publication	2001-03-21	7 . 3 . 1	<a href="#">get it</a>
SP-08	2000-06-28	7 . 4 . 0	<a href="#">get it</a>
ETSI publication	2000-11-30	7 . 4 . 1	<a href="#">get it</a>
SP-10	2000-12-21	7 . 5 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1223

31 May 2005 21:14:57

ACTIVE specs R98 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels**

R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:* #28: 7.0.0 #29: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1999-12-22	7	.	1	.	1	<a href="#">get it</a>

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R98 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**

R98 *current version:* 7.1.1 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	7	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1999-08-10	7	.	1	.	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1224

31 May 2005 21:14:57

ACTIVE specs R98 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R98 *current version:* 7.0.1 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-08-10 7 . 0 . 1 [get it](#)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R98 *current version:* 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0 [get it](#)

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R98 *current version:* 7.0.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-08-17 7 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1225

31 May 2005 21:14:57

ACTIVE specs R98 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version:* 7.8.0 *WG (prime / other):* C1 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.  
*freeze\_meeting:* SP-08 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7	.	0	.	0	<a href="#">get it</a>
smg-27	1998-10-16	7	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	2	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	3	.	0	<a href="#">get it</a>
TP-05	1999-10-13	7	.	4	.	0	<a href="#">get it</a>
TP-06	1999-12-15	7	.	5	.	0	<a href="#">get it</a>
TP-11	2001-04-06	7	.	6	.	0	<a href="#">get it</a>
TP-14	2002-01-11	7	.	7	.	0	<a href="#">get it</a>
TP-19	2003-03-28	7	.	8	.	0	<a href="#">get it</a>

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## TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98 *current version:* 7.2.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
TP-05	1999-10-08	7	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-26	7	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1226

31 May 2005 21:14:57

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**TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS**

R98 *current version:* 7.2.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
NP-05	1999-10-08	7 . 1 . 0	<a href="#">get it</a>
NP-11	2001-04-04	7 . 2 . 0	<a href="#">get it</a>

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R98 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1227

31 May 2005 21:14:58

ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0

ETSI Publication 1999-08-17 7 . 0 . 1

[get it](#)

[get it](#)

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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0

ETSI Publication 1999-08-17 7 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1228

31 May 2005 21:14:58

ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R98 *current version:* 7.7.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	7	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	7	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	2	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	3	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	4	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	5	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	5	.	0	<a href="#">get it</a>
smg-32	2000-06-20	7	.	6	.	0	<a href="#">get it</a>
edito	2000-09-14	7	.	6	.	1	<a href="#">get it</a>
GP-01	2000-10-11	7	.	7	.	0	<a href="#">get it</a>

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## TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1999-08-30	7	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1229

31 May 2005 21:14:58

ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
R98 *current version:* 7.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29  
Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>

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**TS 08.18 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**  
R98 *current version:* 7.5.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* smg-29  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-05-26	7	.	3	.	1	<a href="#">get it</a>
GP-03	2001-01-31	7	.	4	.	0	<a href="#">get it</a>
GP-05	2001-06-18	7	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1230

31 May 2005 21:14:58

ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

R98 *current version:* 7.1.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	1	<a href="#">get it</a>
NP-11	2001-04-04	7	.	1	.	0	<a href="#">get it</a>

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## TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification

R98 *current version:* 7.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30		1	.	0	.	0	
smg-30b	1999-12-06	7	.	0	.	1	<a href="#">get it</a>
GP-05	2001-06-18	7	.	1	.	0	<a href="#">get it</a>

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## TS 08.51 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1231

31 May 2005 21:14:58

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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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## TS 08.56 BSC-BTS Layer 2; Specification

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1232

31 May 2005 21:14:58

ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

R98 *current version:* 7.4.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	4	.	0	<a href="#">get it</a>
ETSI Publication	2000-05-26	7	.	4	.	1	<a href="#">get it</a>

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**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**

R98 *current version:* 7.3.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - > G1.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	2000-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	2	.	0	<a href="#">get it</a>
ETSI publication	2000-09-07	7	.	2	.	1	<a href="#">get it</a>
GP-08	2002-02-19	7	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1233

31 May 2005 21:14:58

ACTIVE specs R98 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R98 *current version:* 7.3.0 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	2	.	0	<a href="#">get it</a>
Edito	1999-12-15	7	.	2	.	1	<a href="#">get it</a>
GP-08	2002-02-19	7	.	3	.	0	<a href="#">get it</a>

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**TS 08.62 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3**  
R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* SMG11->S4 at SMG#30 *remarks - this release:* #28: 7.0.0 TSG#7: 7.1.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
SP-07	1999-03-15	7	.	1	.	0	<a href="#">get it</a>
edito	2000-08-09	7	.	1	.	1	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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Page 1234

31 May 2005 21:14:58

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**TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3**

R98 *current version:* 7.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	7	.	1	.	0	<a href="#">get it</a>
edito	1999-12-31	7	.	1	.	1	<a href="#">get it</a>
smg-31	2000-02-16	7	.	2	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	7	.	3	.	0	<a href="#">get it</a>
GP-02	2000-11-30	7	.	4	.	0	<a href="#">get it</a>
GP-06	2001-09-14	7	.	5	.	0	<a href="#">get it</a>
GP-07	2002-01-08	7	.	6	.	0	<a href="#">get it</a>

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R98

09 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.01 General Network Interworking Scenarios**

R98 *current version:* 7.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 G: yes U: MCC: KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1235

31 May 2005 21:14:58

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## TS 09.02 Mobile Application Part (MAP) Specification

R98 *current version:* 7.15.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CN->N4 Apr00 (JMM)CP-27: change of WG as a result of closure of CN and *remarks - this release:*  
T.

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
NP-05	1999-10-08	7	.	2	.	0	<a href="#">get it</a>
NP-06	1999-12-13	7	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	7	.	4	.	0	<a href="#">get it</a>
NP-08	2000-06-21	7	.	5	.	0	<a href="#">get it</a>
edito	2000-09-04	7	.	5	.	1	<a href="#">get it</a>
NP-09	2000-11-08	7	.	6	.	0	<a href="#">get it</a>
NP-10	2000-12-21	7	.	7	.	0	<a href="#">get it</a>
NP-11	2001-04-06	7	.	8	.	0	<a href="#">get it</a>
NP-12	2001-07-06	7	.	9	.	0	<a href="#">get it</a>
NP-14	2002-01-18	7	.	10	.	0	<a href="#">get it</a>
NP-15	2002-04-04	7	.	11	.	0	<a href="#">get it</a>
NP-18	2003-01-08	7	.	12	.	0	<a href="#">get it</a>
NP-19	2003-04-07	7	.	13	.	0	<a href="#">get it</a>
NP-21	2003-10-09	7	.	14	.	0	<a href="#">get it</a>
NP-23	2004-03-23	7	.	15	.	0	<a href="#">get it</a>

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## TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R98 *current version:* Network (PLMN) 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #29: 7.0.0  
T.

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1236

31 May 2005 21:14:58

ACTIVE specs R98 09 .- series  
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**TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)**

R98 *current version:* 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #29: 7.0.0  
T.

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

[get it](#)

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**TS 09.05 Interworking between the PLMN and the PSPDN for PAD Access**

R98 *current version:* 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #29: 7.0.0  
T.

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

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**TS 09.06 Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet**

R98 *current version:* **Switched Data Transmission Services** 7.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #29: 7.0.0  
T.

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 7 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1237

31 May 2005 21:14:58

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone**  
R98 *current version: Network (PSTN)* 7.2.0 *WG (prime / other):* C3 /- *rapporteur:* BELLING, Thomas  
SIEMENS AG

*freeze\_meeting:* smg-29 G: yes U: MCC: HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	7 . 0 . 0	<a href="#">get it</a>
smg-28	1999-02-12	7 . 1 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 1	<a href="#">get it</a>
NP-06	1999-12-15	7 . 2 . 0	<a href="#">get it</a>

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**TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface**  
R98 *current version: 7.2.0* *WG (prime / other):* C1 /- *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* smg-29

G: yes U: MCC: JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	7 . 1 . 0	<a href="#">get it</a>
NP-06	1999-12-13	7 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1238

31 May 2005 21:14:58

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**TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
R98 *current version: Procedures and the Mobile Application Part (MAP)* 7.2.0WG (prime / other): C4 /- *rapporteur:* KYMALAINEN, Kimmo  
TeliaSonera AB

*freeze\_meeting:* smg-29 G: yes U: MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
NP-06	1999-12-15	7	.	1	.	0	<a href="#">get it</a>
NP-11	2001-04-04	7	.	2	.	0	<a href="#">get it</a>

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**TS 09.11 Signalling Interworking for Supplementary Services**  
R98 *current version: 7.0.1* WG (prime / other): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 G: yes U: MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1999-03-12	7	.	0	.	1	<a href="#">get it</a>

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**TS 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**  
R98 *current version: 7.0.0* WG (prime / other): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-29 G: yes U: MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1239

31 May 2005 21:14:58

ACTIVE specs R98 09 .- series  
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**TS 09.14 Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol**  
R98 *current version:* 7.1.0 *WG (prime / other):* TISPAN/ C4 *rapporteur:* SPORTON, Simon VODAFONE Group Plc  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:*  
*remarks - general:* EN 302 646 *remarks - this release:* (SPS1)

*history (event, available, version, comments, hyperlink):*

SPS approval 1999-08-18 7 . 0 . 1 [get it](#)  
ETSI public enquiry 2000-09-26 7 . 0 . 2 [get it](#)  
ETSI publication 2005-04-28 7 . 1 . 0 Technically unchanged from v7.0.2. [get it](#)

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**TS 09.16 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification**  
R98 *current version:* 7.0.1 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-08-17 7 . 0 . 1 [get it](#)

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**TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**  
R98 *current version:* 7.5.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
smg-29 1999-06-25 7 . 1 . 0 [get it](#)  
NP-05 1999-10-08 7 . 2 . 0 [get it](#)  
NP-07 2000-03-15 7 . 3 . 0 [get it](#)  
NP-13 2001-10-02 7 . 4 . 0 [get it](#)  
NP-14 2002-01-04 7 . 5 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1240

31 May 2005 21:14:59

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**TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**

R98 *current version:* 7.8.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30b	1999-12-06	7 . 0 . 0		<a href="#">get it</a>
smg-31	2000-02-16	7 . 1 . 0		<a href="#">get it</a>
smg-31b	2000-04-17	7 . 2 . 0		<a href="#">get it</a>
smg-32	2000-06-28	7 . 3 . 0		<a href="#">get it</a>
GP-01	2000-10-11	7 . 4 . 0		<a href="#">get it</a>
ETSI publication		7 . 4 . 1	ETSI format only. Not for 3GPP use.	
GP-06	2001-09-18	7 . 5 . 0		<a href="#">get it</a>
GP-07	2002-01-08	7 . 6 . 0		<a href="#">get it</a>
GP-10	2002-07-19	7 . 7 . 0		<a href="#">get it</a>
GP-19	2004-05-06	7 . 8 . 0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1241

31 May 2005 21:14:59

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP) across the Gn and Gp Interface

R98 *current version:* 7.10.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0		<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 0		<a href="#">get it</a>
NP-05	1999-10-08	7 . 2 . 0		<a href="#">get it</a>
NP-06	1999-12-15	7 . 3 . 0		<a href="#">get it</a>
NP-07	2000-03-15	7 . 4 . 0		<a href="#">get it</a>
NP-08	2000-06-21	7 . 5 . 0		<a href="#">get it</a>
NP-09	2000-10-31	7 . 6 . 0		<a href="#">get it</a>
NP-11	2001-04-02	7 . 7 . 0		<a href="#">get it</a>
edito	2001-07-04	7 . 7 . 1	prob with figures. Expect an update.	<a href="#">get it</a>
make figures visible	2001-08-09	7 . 7 . 2		<a href="#">get it</a>
NP-13	2001-10-03	7 . 8 . 0		<a href="#">get it</a>
NP-16	2002-06-21	7 . 9 . 0		<a href="#">get it</a>
NP-18	2003-01-07	7 . 10 . 0		<a href="#">get it</a>

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# 3GPP specification status

Page 1242

31 May 2005 21:14:59

ACTIVE specs R98 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)**  
R98 *current version:* 7.10.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 1 . 0	<a href="#">get it</a>
NP-06	1999-12-15	7 . 2 . 0	<a href="#">get it</a>
NP-11	2001-04-04	7 . 3 . 0	<a href="#">get it</a>
NP-13	2001-10-12	7 . 4 . 0	<a href="#">get it</a>
NP-14	2002-01-14	7 . 5 . 0	<a href="#">get it</a>
NP-15	2002-03-20	7 . 6 . 0	<a href="#">get it</a>
NP-16	2002-07-02	7 . 7 . 0	<a href="#">get it</a>
NP-18	2003-01-09	7 . 8 . 0	<a href="#">get it</a>
NP-19	2003-03-27	7 . 9 . 0	<a href="#">get it</a>
NP-20	2003-06-23	7 . 10 . 0	<a href="#">get it</a>

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**TS 09.78 CAMEL Application Part phase 2 (stage 3)**  
R98 *current version:* 7.1.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7 . 0 . 0	<a href="#">get it</a>
NP-08	2000-06-21	7 . 1 . 0	<a href="#">get it</a>

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# 3GPP specification status

Page 1243

31 May 2005 21:14:59

ACTIVE specs R98 09 .- series  
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**TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**

R98 *current version:* 7.0.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-28 Skov

*G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

*history (event, available, version, comments, hyperlink):*

NP-16 2002-06-26 7 . 0 . 0 [get it](#)  
edito post NP-18 2002-12-16 7 . 0 . 1 minor editorials to change style from TS to [get it](#)  
TR.

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**TR 09.95 General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles**

R98 *current version:* 7.4.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 Skov

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

GP-04 2001-04-20 7 . 0 . 0 [get it](#)  
GP-07 2002-01-04 7 . 1 . 0 [get it](#)  
GP-08 2002-02-19 7 . 2 . 0 [get it](#)  
GP-12 2003-01-03 7 . 3 . 0 [get it](#)  
GP-24 2005-04-22 7 . 4 . 0 [get it](#)

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R98

10 .- series

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# 3GPP specification status

Page 1244

31 May 2005 21:14:59

ACTIVE specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TS 10.00 Digital Cellular Telecommunication System Feature Description**

R98 *current version:* 7.1.0 *WG (prime / other):* S2 / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* #27: 7D1.0

*history (event, available, version, comments, hyperlink):*

smg-26	1998-09-11	7	.	0	.	0	<a href="#">get it</a>
smg-27		7	.	1	.	0	Not available

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**TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1**

R98 *current version:* 7.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	1998-08-28	2	.	0	.	1	<a href="#">get it</a>
smg-27	2000-02-09	7	.	0	.	0	<a href="#">get it</a>

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**TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR**

R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	0	.	0	.	1	<a href="#">get it</a>
smg-28	1999-02-12	0	.	2	.	0	<a href="#">get it</a>
draft	1999-02-05	0	.	2	.	1	<a href="#">get it</a>

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# 3GPP specification status

Page 1245

31 May 2005 21:14:59

ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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R98 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

R98 *current version:* 7.3.0 *WG (prime / other):* G3new/ S1 / NP / T2 / SCP  
*freeze\_meeting:* smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5. *remarks - this release:* #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-25	7	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	1	.	0	<a href="#">get it</a>
smg-31	2000-02-16	7	.	2	.	0	<a href="#">get it</a>
editorial correction	2000-02-16	7	.	2	.	1	<a href="#">get it</a>
GP-06	2001-09-06	7	.	3	.	0	<a href="#">get it</a>

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**TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification**

R98 *current version:* 7.0.0 *WG (prime / other):* C6 / G2, G3new *rapporteur:* LAFFONT, Eric GEMPLUS S.A.

*G:* yes *U:* *MCC:* LENHART, Gabriele

*remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* GP-13: doc becomes pointer to latest Rel version.

*history (event, available, version, comments, hyperlink):*

GP-13	2003-02-21	7	.	0	.	0	<a href="#">get it</a>
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# 3GPP specification status

Page 1246

31 May 2005 21:14:59

ACTIVE specs R98 11 .- series  
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**TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface**

R98 *current version: 7.7.0* WG (prime / other): C6 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting: smg-32* G: yes U: MCC: LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7 . 0 . 0	<a href="#">get it</a>
smg-27	1998-10-16	7 . 1 . 0	<a href="#">get it</a>
smg-28	1999-02-12	7 . 2 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 3 . 0	<a href="#">get it</a>
smg-30	1999-11-11	7 . 4 . 0	<a href="#">get it</a>
smg-31	2000-02-16	7 . 5 . 0	<a href="#">get it</a>
smg-32	2000-06-28	7 . 6 . 0	<a href="#">get it</a>
edito	2000-07-24	7 . 6 . 1	<a href="#">get it</a>
TP-14	2002-01-17	7 . 7 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1247

31 May 2005 21:14:59

ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card**  
R98 *current version: 7.4.2* *WG (prime / other): C6 / -* *rapporteur: BEGASSAT, Christophe Axalto S.A.*  
*freeze\_meeting: SP-11* *G: yes U: MCC: LENHART, Gabriele*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release:*

*history (event, available, version, comments, hyperlink):*

T3-16		0	.	2	.	0			
TP-10	2001-01-11	1	.	0	.	0		<a href="#">get it</a>	
TP-11	2001-05-16	7	.	0	.	0	late delivery due to very poor initial formatting	<a href="#">get it</a>	
edito	2002-08-08	7	.	0	.	1	7.0.0. had wrong date on cover page / header	<a href="#">get it</a>	
TP-12	2001-07-12	7	.	1	.	0		<a href="#">get it</a>	
TP-13	2001-10-12	7	.	2	.	0		<a href="#">get it</a>	
TP-14	2002-02-01	7	.	3	.	0		<a href="#">get it</a>	
TP-15	2002-04-04	7	.	4	.	0		<a href="#">get it</a>	
edito post TP-15	2002-04-12	7	.	4	.	1	adds missing annex attachments	<a href="#">get it</a>	
edito post TP-17	2002-09-18	7	.	4	.	2	changes reference to withdrawn ETSI TS.	<a href="#">get it</a>	

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**TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**  
R98 *current version: 7.7.0* *WG (prime / other): C6 / -* *rapporteur: DUBOIS, Christophe Axalto S.A.*  
*freeze\_meeting: smg-29* *G: yes U: MCC: LENHART, Gabriele*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7	.	0	.	0		<a href="#">get it</a>	
smg-27	1998-10-16	7	.	1	.	0		<a href="#">get it</a>	
smg-28	1999-02-12	7	.	2	.	0		<a href="#">get it</a>	
smg-29	1999-06-25	7	.	3	.	0		<a href="#">get it</a>	
smg-31	2000-02-16	7	.	4	.	0		<a href="#">get it</a>	
smg-32	2000-06-28	7	.	5	.	0		<a href="#">get it</a>	
TP-09	2000-10-18	7	.	6	.	0		<a href="#">get it</a>	
TP-12	2001-07-06	7	.	7	.	0		<a href="#">get it</a>	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1248

31 May 2005 21:14:59

ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.17 Subscriber Identity Module (SIM) test specification**

R98 *current version:* 7.0.2 *WG (prime / other):* C6 / - *rapporteur:* SANDSCHNEIDER, Hajo Orga Test Systems Gmbh  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-12-14 7 . 0 . 2 [get it](#)

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**TS 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface**

R98 *current version:* 7.0.1 *WG (prime / other):* C6 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 1.0.0 #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 1 . 0 . 0 [get it](#)  
smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 1999-08-17 7 . 0 . 1 [get it](#)

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**TS 11.19 CTS SIM Fixed Part**

R98 *current version:* 7.0.3 *WG (prime / other):* C6 / - *rapporteur:* HUBBE, Pascal Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 7.0.0

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 7 . 0 . 0 [get it](#)  
ETSI Publication 2000-09-05 7 . 0 . 3 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1249

31 May 2005 21:14:59

ACTIVE specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R98 *current version:* 7.5.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-29 G: yes U: MCC: USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	7	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	<a href="#">get it</a>
ETSI Publication	2000-05-09	7	.	2	.	1	<a href="#">get it</a>
GP-12	2003-01-03	7	.	3	.	0	<a href="#">get it</a>
GP-13	2003-02-21	7	.	4	.	0	<a href="#">get it</a>
GP-15	2003-07-11	7	.	5	.	0	<a href="#">get it</a>

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## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version:* 7.0.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-29 Skov  
G: yes U: MCC: USAI, Paolino  
*remarks - general:* *remarks - this release:* GP-09 (Usai) created to fill the Release gap.

*history (event, available, version, comments, hyperlink):*

GP-09	2002-05-06	7	.	0	.	0	<a href="#">get it</a>
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R98 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1250

31 May 2005 21:14:59

ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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<b>TS 12.03</b>	<b>Security Management</b>					
R98	current version: 7.0.1	WG (prime / other):	S5 / S1 / NP	rapporteur:	TRUSS, Michael	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	ZOICAS, Adrian	
remarks - general:		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>		
	ETSI Publication	1999-08-17	7 . 0 . 1	<a href="#">get it</a>		

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<b>TS 12.04</b>	<b>Performance data measurements</b>					
R98	current version: 7.0.0	WG (prime / other):	S5 / S1 / NP	rapporteur:	TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-29	G: yes U:		MCC:	ZOICAS, Adrian	
remarks - general:		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	smg-30	1999-11-11	7 . 0 . 0	<a href="#">get it</a>		

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<b>TS 12.05</b>	<b>Subscriber Related Call and Event Data</b>					
R98	current version: 7.0.1	WG (prime / other):	S5 / S1	rapporteur:	ALEXANDER, Benni	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	ZOICAS, Adrian	
remarks - general:		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	smg-28	1999-02-12	7 . 0 . 0	<a href="#">get it</a>		
	ETSI Publication	1999-08-17	7 . 0 . 1	<a href="#">get it</a>		

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1251

31 May 2005 21:14:59

ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.15 General Packet Radio Service (GPRS); GPRS Charging**

R98 *current version:* 7.7.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	7 . 0 . 0	<a href="#">get it</a>
smg-28	1999-02-12	7 . 1 . 0	<a href="#">get it</a>
smg-29	1999-06-25	7 . 2 . 0	<a href="#">get it</a>
smg-30	1999-11-11	7 . 3 . 0	<a href="#">get it</a>
SP-06		7 . 4 . 0	
SP-07	2000-03-15	7 . 5 . 0	<a href="#">get it</a>
SP-08	2000-06-21	7 . 6 . 0	<a href="#">get it</a>
SP-18	2003-01-07	7 . 7 . 0	<a href="#">get it</a>

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**TS 12.21 Network Management (NM) procedures and messages on the A-bis interface**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29

*WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* SP-13: S5->G3 but no change of rapporteur.

*remarks - this release:* GP-09 (Usai) created to fill the Release gap.

*history (event, available, version, comments, hyperlink):*

GP-09	2002-05-06	7 . 0 . 0	<a href="#">get it</a>
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# 3GPP specification status

Page 1252

31 May 2005 21:14:59

ACTIVE specs R98 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1

*freeze\_meeting:* smg-29

*WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#11:S5 will no longer maintain.

*remarks - this release:* Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

*history (event, available, version, comments, hyperlink):*

draft	1999-09-22	0	.	0	.	1	<a href="#">get it</a>
draft	1999-10-18	0	.	0	.	2	<a href="#">get it</a>
draft	1999-12-03	0	.	0	.	3	<a href="#">get it</a>
draft	1999-12-22	0	.	0	.	4	<a href="#">get it</a>
draft	2000-01-17	0	.	0	.	5	<a href="#">get it</a>
draft	2000-05-22	2	.	0	.	0	<a href="#">get it</a>
draft	2000-05-25	2	.	0	.	1	<a href="#">get it</a>
SP-08	2000-06-21	7	.	0	.	0	<a href="#">get it</a>
ETSI Publication	2000-11-30	7	.	0	.	1	<a href="#">get it</a>

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## R97

R97

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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# 3GPP specification status

Page 1253

31 May 2005 21:14:59

ACTIVE specs R97 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system**

R97 *current version:* 6.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* POPE, Maurice  
*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater *remarks - this release:*  
for backwards extension to earlier releases.

*history (event, available, version, comments, hyperlink):*

SP-20 2003-06-25 6 . 0 . 0 [get it](#)

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**TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)**

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / GP / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-26 NP *MCC:* CLAYTON, Michael  
G: yes U: *remarks - this release:*  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-27 2001-01-12 6 . 0 . 0 [get it](#)  
edito 2001-01-16 6 . 0 . 1 [get it](#)

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**TR 01.04 Abbreviations and acronyms**

R97 *current version:* 6.0.0 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-26 *MCC:* USAI, Paolino  
G: yes U: *remarks - this release:*  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-27 2000-11-15 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1254

31 May 2005 21:14:59

ACTIVE specs R97 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 2000-12-01 6 . 0 . 0  
edito 2001-01-16 6 . 0 . 1

[get it](#)

[get it](#)

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**TR 01.60 GPRS requirements**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1 . 0 . 0  
draft 1 . 1 . 0  
smg-25 1998-03-20 6 . 0 . 0

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**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0  
Editorial correction 1998-03-20 6 . 0 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1255

31 May 2005 21:15:00

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Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**

R97 current version: 6.2.0 WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
freeze\_meeting: smg-26 G: yes U: MCC: CLAYTON, Michael  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
smg-28	1999-02-12	6 . 1 . 0	<a href="#">get it</a>
smg-29	1999-06-26	6 . 2 . 0	<a href="#">get it</a>

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**TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)**

R97 current version: 6.1.1 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul Research in Motion UK Limited  
freeze\_meeting: smg-26 G: yes U: MCC: CLAYTON, Michael  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
smg-28	1999-02-12	6 . 1 . 0	<a href="#">get it</a>
Editorial correction	1999-02-12	6 . 1 . 1	<a href="#">get it</a>

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**TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)**

R97 current version: 6.0.0 WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
freeze\_meeting: smg-26 G: yes U: MCC: CLAYTON, Michael  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1256

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.04 General on Supplementary Services

R97 *current version:* 6.1.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	1	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	1	.	1	<a href="#">get it</a>

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## TS 02.06 Types of Mobile Stations (MS)

R97 *current version:* 6.1.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1999-10-16	6	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-05-26	6	.	0	.	1	<a href="#">get it</a>
smg-28	1999-02-12	6	.	1	.	0	<a href="#">get it</a>
ETSI publication	1999-08-04	6	.	1	.	1	<a href="#">get it</a>

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## TS 02.07 Mobile Station (MS) Features

R97 *current version:* 6.2.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-20	6	.	1	.	0	<a href="#">get it</a>
SP-07	2000-03-17	6	.	2	.	0	<a href="#">get it</a>

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# 3GPP specification status

Page 1257

31 May 2005 21:15:00

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<b>TS 02.09</b>	<b>Security aspects</b>					
R97	current version: 6.1.1	WG (prime / other): S3 / S1 / NP	rapporteur:	CHRISTOFFERSSON, Per	TeliaSonera AB	
	freeze_meeting: smg-26	G: yes U:	MCC:	CLAYTON, Michael		
	remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):						
	smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>		
	ETSI publication	1999-05-26	6 . 0 . 1	<a href="#">get it</a>		
	smg-31	2000-02-16	6 . 1 . 0	<a href="#">get it</a>		
	ETSI publication	2000-08-29	6 . 1 . 1	<a href="#">get it</a>		

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<b>TS 02.11</b>	<b>Service accessibility</b>					
R97	current version: 6.1.0	WG (prime / other): S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE SA	
	freeze_meeting: smg-26	G: yes U:	MCC:	CLAYTON, Michael		
	remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):						
	smg-26	1998-06-26	6 . 0 . 0	<a href="#">get it</a>		
	SP-11	2001-04-02	6 . 1 . 0	<a href="#">get it</a>		

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<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>					
R97	current version: 6.2.0	WG (prime / other): S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: smg-26	G: yes U:	MCC:	CLAYTON, Michael		
	remarks - general:		remarks - this release:			
history (event, available, version, comments, hyperlink):						
	smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>		
	smg-30	1999-11-11	6 . 1 . 0	<a href="#">get it</a>		
	SP-08	2000-06-28	6 . 2 . 0	<a href="#">get it</a>		

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1258

31 May 2005 21:15:00

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**TS 02.17 Subscriber Identity Module (SIM); Functional characteristics**

R97 *current version:* 6.0.0 *WG (prime / other):* C6 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

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**TS 02.22 Stage 1 for personalisation of GSM ME**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.24 Description of Charge Advice Information (CAI)**

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

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Editorial correction 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1259

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)**

R97 *current version:* 6.1.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0  
edito 1998-06-26 6 . 0 . 1  
smg-28 1999-02-12 6 . 1 . 0

[get it](#)  
[get it](#)  
[get it](#)

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**TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.40 Procedures for Call Progress Indications**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / NP *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1260

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.41 Operator Determined Barring**  
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1**  
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1**  
R97 *current version:* 6.0.0 *WG (prime / other):* C6 / S3 *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-25 1998-03-20 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1261

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1**

R97 *current version:* none

*freeze\_meeting:* smg-26

*WG (prime / other):* S4 / *rapporteur:* NAVARRO, William

NORTEL NETWORKS (EUROPE)

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* SMG11->S4 at SMG#30

*remarks - this release:* No spec this Release

*history (event, available, version, comments, hyperlink):*

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**TS 02.60 General Packet Radio Service Stage 1 Description**

R97 *current version:* 6.3.1

*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul

Research in Motion UK Limited

*G:* yes *U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
ETSI publication	1998-12-01	6	.	1	.	1	<a href="#">get it</a>
smg-28	1999-02-12	6	.	2	.	0	<a href="#">get it</a>
ETSI publication	1999-08-04	6	.	2	.	1	<a href="#">get it</a>
SP-05	1999-10-14	6	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-11-28	6	.	3	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1262

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1**

R97 *current version:* 6.1.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

ETSI publication 1999-09-01 6 . 0 . 1

[get it](#)

smg-29 1999-06-25 6 . 1 . 0

[get it](#)

Editorial correction 1999-07-25 6 . 1 . 1

[get it](#)

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**TS 02.68 Voice Group Call Service (VGCS); Stage 1**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-06 6 . 0 . 0

[get it](#)

publish EN 300 925 1999-09-01 6 . 0 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1263

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.69 Voice Broadcast Service (VBS); Stage 1**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	
Editorial correction	1998-11-16	6	.	0	.	1	<a href="#">get it</a>

[get it](#)

[get it](#)

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**TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)**

R97 *current version:* 6.6.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	
smg-26	1998-06-26	6	.	1	.	0	
smg-28	1999-02-12	6	.	2	.	0	
smg-29	1999-06-25	6	.	3	.	0	
SP-05	1999-10-14	6	.	4	.	0	
SP-10	2001-01-12	6	.	5	.	0	
SP-14	2002-01-14	6	.	6	.	0	
SP-14 minor correction	2002-01-17	6	.	6	.	1	<a href="#">get it</a>

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1264

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.79 Support of Optimal Routeing (SOR); Service definition (Stage 1)**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.81 Line Identification Supplementary Services; Stage 1**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael One  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1265

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1**

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1266

31 May 2005 21:15:00

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Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - this release:* #27: 6.0.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG  
*G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - this release:* #27: 6.0.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - this release:* #27: 6.0.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1267

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.91 Explicit Call Transfer (ECT)**

R97 current version: 6.0.0

freeze\_meeting: smg-26

WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1**

R97 current version: 6.0.1

freeze\_meeting: smg-26

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

[get it](#)

Editorial correction 1998-04-20 6 . 0 . 1

[get it](#)

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**TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1**

R97 current version: 6.0.0

freeze\_meeting: smg-26

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-15 6 . 0 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1268

31 May 2005 21:15:00

ACTIVE specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.96 Name Identification Supplementary Services; Stage 1

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#)

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R97

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.01 Network Functions

R97 *current version:* 6.1.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:* SMG3->SA2 @ TSG#7

*remarks - this release:* #27: 6.0.0 #28: 6.1.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-28 1999-02-12 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1269

31 May 2005 21:15:00

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.02 Network Architecture**  
R97 *current version:* 6.1.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S2 / NP / T2 *rapporteur:* MILINSKI, AlexanderSIEMENS AG

*G:* yes *U:* *MCC:* POPE, Maurice  
*remarks - this release:* #25: 6.0.0 #26: 6.1.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>

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**TS 03.03 Numbering, Addressing and Identification**

R97 *current version:* 6.8.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* C4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	2	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	3	.	0	<a href="#">get it</a>
NP-05	1999-10-14	6	.	4	.	0	<a href="#">get it</a>
NP-07	2000-03-17	6	.	5	.	0	<a href="#">get it</a>
NP-08	2000-06-28	6	.	6	.	0	<a href="#">get it</a>
NP-16	2002-06-26	6	.	7	.	0	<a href="#">get it</a>
							SA did not approve companion CRs to 02.16.
NP-21	2003-10-09	6	.	8	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1270

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TS 03.07 Restoration Procedures

R97 *current version:* 6.2.0 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* Chalmers  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* KYMALAINEN, Kimmo

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-29 1999-06-25 6 . 2 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1271

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.08 Organization of Subscriber Data

R97 *current version:* 6.6.0 *WG (prime / other):* C4 / - *rapporteur:*  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0	<a href="#">get it</a>
NP-07	2000-03-15	6	.	4	.	0	<a href="#">get it</a>
NP-09	2000-10-31	6	.	5	.	0	<a href="#">get it</a>
NP-20	2003-06-27	6	.	6	.	0	<a href="#">get it</a>

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## TS 03.09 Handover Procedures

R97 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1272

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R97 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-18 6 . 0 . 0 [get it](#)

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## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 03.12 Location Registration Procedures

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1273

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert  
*G: yes U:* MCC: JURISIC, Andrijana

SIEMENS AG

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 03.15 Technical Realization of Operator Determined Barring

R97 *current version:* 6.1.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick  
*G: yes U:* MCC: KYMALAINEN, Kimmo

VODAFONE LTD

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #26: 6.0.0 SMG#29: 6.1.0

*history (event, available, version, comments, hyperlink):*

smg-26 1998-06-26 6 . 0 . 0

smg-29 1999-06-25 6 . 1 . 0

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1274

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.16 Subscriber Data Management

R97 *current version:* 6.5.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0

### *history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0	<a href="#">get it</a>
NP-09	2000-10-13	6	.	5	.	0	<a href="#">get it</a>

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## TS 03.18 Basic Call Handling

R97 *current version:* 6.8.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0	<a href="#">get it</a>
NP-05	1999-10-13	6	.	5	.	0	<a href="#">get it</a>
NP-07	2000-03-17	6	.	6	.	0	<a href="#">get it</a>
NP-09	2000-10-04	6	.	7	.	0	<a href="#">get it</a>
NP-22	2004-01-12	6	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1275

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.20 Security-related network functions

R97  
current version: 6.1.0  
freeze\_meeting: smg-26

WG (prime / other): S3 / NP / GP  
rapporteur: NGUYEN NGOC, Sebastien France Telecom

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #32:6.2.0 - evidently not!

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0  
smg-29 1999-06-25 6 . 1 . 0

[get it](#)  
[get it](#)

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## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / N1  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: USAI, Paolino

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode".

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 6 . 0 . 0  
smg-28 1999-02-12 6 . 1 . 0  
smg-29 1999-06-26 6 . 2 . 0  
SP-11 2001-04-11 6 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / NP  
rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1276

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.30 Radio Network Planning Aspects

R97 current version: 6.0.1  
freeze\_meeting: smg-26

WG (prime / other): GP / - rapporteur: TEGTH, Ulf  
G: yes U: MCC: USAI, Paolino

TeliaSonera AB

remarks - general:

remarks - this release: #26: 6.0.0

history (event, available, version, comments, hyperlink):

smg-26 1998-06-26 6 . 0 . 0  
Editorial update 1998-07-26 6 . 0 . 1

[get it](#)

[get it](#)

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## TS 03.32 Universal Geographical Area Description (GAD)

R97 current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): S2 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
G: yes U: MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R97 current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): C1 / - rapporteur: SITCH, Paul NOKIA Corporation  
G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1277

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.38 Alphabets and language-specific information**  
R97 *current version:* 6.0.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* #25: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#)

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**TS 03.40 Technical realization of the Short Message Service (SMS)**  
R97 *current version:* 6.2.0 *WG (prime / other):* C1 / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
TP-14 2002-01-11 6 . 2 . 0 [get it](#)

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**TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)**  
R97 *current version:* 6.1.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1278

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.42 SMS Compression**  
R97 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* TP-27: Former WG = T2. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TR 03.43 Support of Videotex**  
R97 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R97 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1279

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R97 *current version:* 6.0.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-10-16 6 . 0 . 1 [get it](#)

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R97 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1280

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R97 *current version:* 6.2.0 *WG (prime / other):* C6 / - *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	2	.	0	<a href="#">get it</a>

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## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R97 *current version:* 6.1.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>

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## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R97 *current version:* 6.2.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0 #28: 6.1.0 #32:6.2.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	1	.	0	<a href="#">get it</a>
ETSI publication	1999-07-21	6	.	1	.	1	<a href="#">get it</a>
smg-32	2000-06-20	6	.	2	.	0	<a href="#">get it</a>
ETSI publication	2000-11-30	6	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1281

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.54 Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2**

R97 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1282

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2**

R97 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 1 . 0	<a href="#">get it</a>
edito	1998-07-28	6 . 1 . 1	<a href="#">get it</a>
smg-27	1998-10-16	6 . 2 . 0	<a href="#">get it</a>
smg-28	1999-02-12	6 . 3 . 0	<a href="#">get it</a>
ETSI Vote	1999-04-13	6 . 3 . 1	<a href="#">get it</a>
ETSI publication	1999-07-21	6 . 3 . 2	<a href="#">get it</a>
smg-29	1999-06-25	6 . 4 . 0	<a href="#">get it</a>
ETSI publication	1999-12-29	6 . 4 . 1	<a href="#">get it</a>
SP-05	1999-10-13	6 . 5 . 0	<a href="#">get it</a>
SP-06	1999-12-17	6 . 6 . 0	<a href="#">get it</a>
ETSI publication	2000-07-07	6 . 6 . 1	<a href="#">get it</a>
SP-07	2000-03-17	6 . 7 . 0	<a href="#">get it</a>
ETSI publication	2000-09-22	6 . 7 . 1	<a href="#">get it</a>
SP-11	2001-04-19	6 . 8 . 0	<a href="#">get it</a>
SP-12	2001-08-16	6 . 9 . 0	<a href="#">get it</a>
SP-14	2002-01-08	6 . 10 . 0	<a href="#">get it</a>
edito	2002-07-29	6 . 10 . 1	<a href="#">get it</a>
SP-17	2002-10-02	6 . 11 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1283

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2**  
R97 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2**  
R97 *current version:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 0 . 1 [get it](#)  
smg-27 1998-10-16 6 . 1 . 0 [get it](#)  
ETSI OAP 2000-05-27 6 . 1 . 1 [get it](#)  
smg-28 1999-02-12 6 . 2 . 0 [get it](#)  
smg-29 1999-06-25 6 . 3 . 0 [get it](#)  
smg-30 1999-11-11 6 . 4 . 0 [get it](#)

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**TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2**  
R97 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
NP-07 2000-03-17 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1284

31 May 2005 21:15:01

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R97 *current version:* 6.4.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg post SP-07	1998-10-30	6	.	2	.	0	<a href="#">get it</a>
NP-09	2000-10-12	6	.	3	.	0	<a href="#">get it</a>
NP-21	2003-10-10	6	.	4	.	0	<a href="#">get it</a>

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## TS 03.69 Voice Broadcast service (VBS); Stage 2

R97 *current version:* 6.4.0 *WG (prime / other):* C1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg post SP-07	2000-03-30	6	.	2	.	0	<a href="#">get it</a>
NP-09	2000-10-12	6	.	3	.	0	<a href="#">get it</a>
NP-21	2003-10-13	6	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1285

31 May 2005 21:15:02

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #27: 6.0.0  
T.

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 *current version:* 6.11.1 *WG (prime / other):* C4 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of *remarks - this release:*  
closure of CN and T.

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
ETSI publication 1998-08-27 6 . 1 . 1 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-28 1999-02-12 6 . 3 . 0 [get it](#)  
smg-29 1999-06-25 6 . 4 . 0 [get it](#)  
NP-05 1999-10-13 6 . 5 . 0 [get it](#)  
NP-07 2000-03-17 6 . 6 . 0 [get it](#)  
NP-08 2000-06-23 6 . 7 . 0 [get it](#)  
NP-10 2001-01-04 6 . 8 . 0 [get it](#)  
NP-12 2001-06-29 6 . 9 . 0 [get it](#)  
edito 2001-07-02 6 . 9 . 1 [get it](#)  
NP-14 2002-01-04 6 . 10 . 0 [get it](#)  
NP-16 2002-06-17 6 . 11 . 0 [get it](#)  
Editorial correction 2002-08-21 6 . 11 . 1 [get it](#)  
to SDLs

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1286

31 May 2005 21:15:02

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R97 *current version:* 6.3.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	6 . 1 . 0	<a href="#">get it</a>
NP-05	1999-10-13	6 . 2 . 0	<a href="#">get it</a>
NP-07	2000-03-17	6 . 3 . 0	<a href="#">get it</a>

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## TS 03.81 Line Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R97 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0 #29: 6.1.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	6 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1287

31 May 2005 21:15:02

ACTIVE specs R97 03 .- series  
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## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 03.84 Multi Party (MPTY) Supplementary Services; Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1288

31 May 2005 21:15:02

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1289

31 May 2005 21:15:02

ACTIVE specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R97 *current version:* 6.2.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 6.0.0 #26: 6.1.0 #27: 6.2.0

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)

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## TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1290

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
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R97 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**

R97 current version: 6.0.0 WG (prime / other): C1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
freeze\_meeting: smg-26 Skov  
G: yes U: MCC: JURISIC, Andrijana  
remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**

R97 current version: 6.0.0 WG (prime / other): C1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
freeze\_meeting: smg-26 Skov  
G: yes U: MCC: JURISIC, Andrijana  
remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release: #27: 6.0.0

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**

R97 current version: 6.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
freeze\_meeting: smg-26 Skov  
G: yes U: MCC: THOMASEN, Gert  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1291

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.04 Layer 1 - General Requirements**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0

[get it](#)

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**TS 04.05 Data Link (DL) Layer General Aspects**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

Editorial correction 1998-11-16 6 . 0 . 1

[get it](#)

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**TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

R97 *current version:* 6.2.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

ETSI publication 1999-09-01 6 . 0 . 1

[get it](#)

smg-29 1999-06-25 6 . 1 . 0

[get it](#)

ETSI publication 1999-12-14 6 . 1 . 1

[get it](#)

smg-31 2000-02-16 6 . 2 . 0

[get it](#)

ETSI publication 2000-09-29 6 . 2 . 1

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1292

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

R97 *current version:* 6.5.1 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 1 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 2 . 0	<a href="#">get it</a>
ETSI publication	1998-12-04	6 . 2 . 1	<a href="#">get it</a>
smg-28	1999-02-12	6 . 3 . 0	<a href="#">get it</a>
smg-29	1999-06-25	6 . 4 . 0	<a href="#">get it</a>
NP-05	1999-10-13	6 . 5 . 0	<a href="#">get it</a>
Editorial correction	1999-11-13	6 . 5 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1293

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R97 *current version:* 6.21.1 *WG (prime / other):* C1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)  
*remarks - this release:* CP-27: change of WG as a result of closure of CN and T.

### *history (event, available, version, comments, hyperlink):*

smg-25		6 . 0 . 0	
smg-26	1998-06-26	6 . 1 . 0	<a href="#">get it</a>
edito	1998-09-08	6 . 1 . 1	<a href="#">get it</a>
smg-27	1998-10-16	6 . 2 . 0	<a href="#">get it</a>
ETSI publication	1999-04-13	6 . 2 . 1	<a href="#">get it</a>
smg-28	1999-02-12	6 . 3 . 0	<a href="#">get it</a>
ETSI publication	1999-08-25	6 . 3 . 1	<a href="#">get it</a>
smg-29	1999-06-25	6 . 4 . 0	<a href="#">get it</a>
edito	1999-07-23	6 . 4 . 1	<a href="#">get it</a>
ETSI OAP	1999-08-11	6 . 4 . 2	<a href="#">get it</a>
ETSI publication	1999-12-29	6 . 4 . 3	<a href="#">get it</a>
NP-05	1999-10-08	6 . 5 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	6 . 6 . 0	<a href="#">get it</a>
NP-06	1999-12-15	6 . 7 . 0	<a href="#">get it</a>
ETSI publication	2000-07-05	6 . 7 . 1	<a href="#">get it</a>
smg-31	2000-02-16	6 . 8 . 0	<a href="#">get it</a>
NP-07	2000-03-15	6 . 9 . 0	<a href="#">get it</a>
ETSI publication	2000-09-29	6 . 9 . 1	<a href="#">get it</a>
smg-31b	2000-04-17	6 . 10 . 0	<a href="#">get it</a>
smg-32	2000-06-21	6 . 11 . 0	<a href="#">get it</a>
GP-01/NP-09	2000-10-12	6 . 12 . 0	<a href="#">get it</a>
edito	2000-11-02	6 . 12 . 1	<a href="#">get it</a>
NP-10	2001-01-02	6 . 13 . 0	<a href="#">get it</a>
GP-04 / NP-11	2001-04-11	6 . 14 . 0	<a href="#">get it</a>
NP-12	2001-07-05	6 . 15 . 0	<a href="#">get it</a>
GP-07	2002-01-04	6 . 16 . 0	<a href="#">get it</a>
NP-14	2002-01-07	6 . 17 . 0	<a href="#">get it</a>
GP-08	2002-02-19	6 . 18 . 0	<a href="#">get it</a>
NP-17	2002-09-17	6 . 19 . 0	<a href="#">get it</a>
NP-18	2002-12-18	6 . 20 . 0	<a href="#">get it</a>
GP-15	2003-07-10	6 . 21 . 0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1294

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
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edito 2003-09-12 6 . 21 . 1

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26 Ramachandran

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0

[get it](#)

Editorial correction 1998-04-20 6 . 0 . 1

[get it](#)

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R97 *current version:* 6.1.0 *WG (prime / other):* C1 / - *rapporteur:*  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0

[get it](#)

Editorial correction 1998-04-20 6 . 0 . 1

[get it](#)

NP-09 2000-10-12 6 . 1 . 0

[get it](#)

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## TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26 Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

Editorial correction 1998-11-16 6 . 0 . 1

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1295

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.13 Performance Requirements on Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
Editorial correction	1998-10-16	6 . 0 . 1	<a href="#">get it</a>

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## TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R97 *current version:* 6.3.1 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
smg-30	1999-11-11	6 . 1 . 0	<a href="#">get it</a>
smg-32	2000-06-28	6 . 2 . 0	<a href="#">get it</a>
GP-10	2002-07-19	6 . 3 . 0	<a href="#">get it</a>
post GP-10 edito	2002-07-23	6 . 3 . 1	Misplaced figure, clause 5.3.1. <a href="#">get it</a>

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## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R97 *current version:* 6.1.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0 TSG#8:6.1.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
NP-08	2000-06-23	6 . 1 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1296

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
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**TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services**  
R97 *current version: Switching Centre (BSS - MSC) interface* 6.2.0 *WG (prime / other):* C3 /- *rapporteur:* KLEHN, Norbert  
SIEMENS AG

*freeze\_meeting:* smg-26 G: yes U: MCC: HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	6 . 0 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 1 . 0	<a href="#">get it</a>
NP-06	1999-12-17	6 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1297

31 May 2005 21:15:02

ACTIVE specs R97 04 .- series  
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**TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol**

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	1997-12-20	0	.	0	.	0		<a href="#">get it</a>
draft	1998-03-20	1	.	0	.	0		<a href="#">get it</a>
draft	1998-03-20	2	.	0	.	0		<a href="#">get it</a>
smg-25	1998-03-20	6	.	0	.	0		<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0		<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0		<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0		<a href="#">get it</a>
ETSI publication	1999-06-14	6	.	3	.	1		<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0		<a href="#">get it</a>
ETSI publication	1999-12-16	6	.	4	.	1		<a href="#">get it</a>
smg-30	1999-11-11	6	.	5	.	0		<a href="#">get it</a>
smg-30b	1999-12-06	6	.	6	.	0		<a href="#">get it</a>
ETSI publication	2000-07-05	6	.	6	.	1		<a href="#">get it</a>
smg-31	2000-02-16	6	.	7	.	0		<a href="#">get it</a>
ETSI publication	2000-09-29	6	.	7	.	1		<a href="#">get it</a>
smg-31b	2000-04-17	6	.	8	.	0		<a href="#">get it</a>
ETSI publication	2000-10-17	6	.	8	.	1		<a href="#">get it</a>
smg-32	2000-06-20	6	.	9	.	0		<a href="#">get it</a>
GP-01	2000-10-11	6	.	10	.	0		<a href="#">get it</a>
GP-02	2000-11-27	6	.	11	.	0		<a href="#">get it</a>
GP-03	2001-01-31	6	.	12	.	0		<a href="#">get it</a>
GP-04	2001-05-04	6	.	13	.	0		<a href="#">get it</a>
GP-10	2002-07-19	6	.	14	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1298

31 May 2005 21:15:03

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**

R97 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification**

R97 *current version:* 6.10.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-28 1999-02-12 6 . 3 . 0 [get it](#)  
smg-29 1999-06-25 6 . 4 . 0 [get it](#)  
smg-30 1999-11-11 6 . 5 . 0 [get it](#)  
NP-06 1999-12-17 6 . 6 . 0 [get it](#)  
smg-31 2000-02-16 6 . 7 . 0 [get it](#)  
NP-10 2001-01-02 6 . 8 . 0 [get it](#)  
NP-13 2001-10-02 6 . 9 . 0 [get it](#)  
NP-14 2002-01-04 6 . 10 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1299

31 May 2005 21:15:03

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**

R97 *current version:* 6.7.0 *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only. CP-27: change of WG *remarks - this release:*  
as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 1 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 2 . 0	<a href="#">get it</a>
smg-28	1999-02-12	6 . 3 . 0	<a href="#">get it</a>
smg-29	1999-06-25	6 . 4 . 0	<a href="#">get it</a>
smg-30	1999-11-11	6 . 5 . 0	<a href="#">get it</a>
NP-06	1999-12-17	6 . 6 . 0	<a href="#">get it</a>
smg-31	2000-02-16	6 . 7 . 0	<a href="#">get it</a>

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**TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
Editorial correction	1998-11-16	6 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1300

31 May 2005 21:15:03

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.68 Group Call Control (GCC) Protocol

R97 *current version:* 6.3.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	<a href="#">get it</a>
smg-29	1998-06-25	6	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	6	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-17	6	.	3	.	0	<a href="#">get it</a>

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## TS 04.69 Broadcast Call Control (BCC) protocol

R97 *current version:* 6.3.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	6	.	2	.	0	<a href="#">get it</a>
NP-07	2000-03-17	6	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1301

31 May 2005 21:15:03

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R97 *current version:* 6.1.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 1 . 0	<a href="#">get it</a>
smg-28	1999-02-12	6 . 1 . 1	<a href="#">get it</a>
editorial	2003-10-09	6 . 1 . 2	<a href="#">get it</a>

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## TS 04.81 Line Identification Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
Editorial correction	1998-11-16	6 . 0 . 1	<a href="#">get it</a>

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## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
Editorial correction	1998-11-16	6 . 0 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1302

31 May 2005 21:15:03

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1303

31 May 2005 21:15:03

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#)

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## TS 04.90 Unstructured Supplementary Service Data (USSD)

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-11-16 6 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1304

31 May 2005 21:15:03

ACTIVE specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
<to be defined> 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R97 *current version:* 6.1.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 6.0.0 #26: 6.1.0 #28:6.1.1

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-28 1999-02-12 6 . 1 . 1 [get it](#)

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## TS 04.96 Name Identification Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1305

31 May 2005 21:15:03

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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R97 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.01 Physical Layer on the Radio Path (General Description)**

R97 *current version:* 6.1.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-24	1997-12-19	6	.	0	.	0	<a href="#">get it</a>
smg-25	1998-03-20	6	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1998-04-20	6	.	1	.	1	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1306

31 May 2005 21:15:03

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R97 current version: 6.10.0

freeze\_meeting: smg-26

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6 . 0 . 0	<a href="#">get it</a>
smg-25	1998-03-20	6 . 1 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 2 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 3 . 0	<a href="#">get it</a>
ETSI publication	1999-03-09	6 . 3 . 1	<a href="#">get it</a>
smg-28	1999-02-12	6 . 4 . 0	<a href="#">get it</a>
ETSI publication	1999-08-04	6 . 4 . 1	<a href="#">get it</a>
smg-29	1999-06-25	6 . 5 . 0	<a href="#">get it</a>
smg-30	1999-11-11	6 . 6 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	6 . 7 . 0	<a href="#">get it</a>
ETSI publication	2000-07-17	6 . 7 . 1	<a href="#">get it</a>
smg-31	2000-02-16	6 . 8 . 0	<a href="#">get it</a>
ETSI publication	2000-09-29	6 . 8 . 1	<a href="#">get it</a>
smg-31b	2000-04-17	6 . 9 . 0	<a href="#">get it</a>
ETSI publication	2000-10-17	6 . 9 . 1	<a href="#">get it</a>
edito	2001-05-02	6 . 9 . 2	<a href="#">get it</a>
GP-06	2001-10-01	6 . 10 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1307

31 May 2005 21:15:03

ACTIVE specs R97 05 .- series  
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**TS 05.03 Channel coding**

R97 *current version:* 6.2.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

*history (event, available, version, comments, hyperlink):*

smg-24	1997-12-19	6 . 0 . 0	<a href="#">get it</a>
smg-25	1998-03-20	6 . 1 . 0	<a href="#">get it</a>
smg-28	1999-02-12	6 . 2 . 0	<a href="#">get it</a>
ETSI Publication	1999-03-12	6 . 2 . 1	<a href="#">get it</a>

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**TS 05.04 Modulation**

R97 *current version:* 6.1.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
ETSI publication	1999-02-09	6 . 0 . 1	<a href="#">get it</a>
smg-30b	1999-12-06	6 . 1 . 0	<a href="#">get it</a>
ETSI publication	2000-06-20	6 . 1 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1308

31 May 2005 21:15:03

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.05 Radio Transmission and Reception

R97  
current version: 6.8.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6 . 0 . 0	<a href="#">get it</a>
smg-25	1998-03-20	6 . 1 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 2 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 3 . 0	<a href="#">get it</a>
ETSI publication	1999-03-09	6 . 3 . 1	<a href="#">get it</a>
smg-28	1999-02-12	6 . 4 . 0	<a href="#">get it</a>
ETSI publication	1999-06-04	6 . 4 . 1	<a href="#">get it</a>
smg-29	1999-06-25	6 . 5 . 0	<a href="#">get it</a>
ETSI publication	1999-12-14	6 . 5 . 1	<a href="#">get it</a>
smg-30	1999-11-11	6 . 6 . 0	<a href="#">get it</a>
smg-31	2000-02-16	6 . 7 . 0	<a href="#">get it</a>
ETSI publication	2000-09-29	6 . 7 . 1	<a href="#">get it</a>
GP-01	2000-10-09	6 . 8 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1309

31 May 2005 21:15:03

ACTIVE specs R97 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.08 Radio subsystem link control

R97 current version: 6.9.0

freeze\_meeting: smg-26

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6 . 0 . 0	<a href="#">get it</a>
smg-25	1998-03-20	6 . 1 . 0	<a href="#">get it</a>
edito	1998-03-20	6 . 1 . 1	<a href="#">get it</a>
smg-26	1998-06-26	6 . 2 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 3 . 0	<a href="#">get it</a>
ETSI publication	1999-03-09	6 . 3 . 1	<a href="#">get it</a>
smg-28	1999-02-12	6 . 4 . 0	<a href="#">get it</a>
ETSI publication	1999-08-04	6 . 4 . 1	<a href="#">get it</a>
smg-29	1999-06-25	6 . 5 . 0	<a href="#">get it</a>
ETSI publication	1999-12-04	6 . 5 . 1	<a href="#">get it</a>
smg-30	1999-11-11	6 . 6 . 0	<a href="#">get it</a>
smg-30b	1999-12-06	6 . 7 . 0	<a href="#">get it</a>
edito	2000-02-01	6 . 7 . 1	<a href="#">get it</a>
smg-31b	2000-04-17	6 . 8 . 0	<a href="#">get it</a>
ETSI publication		6 . 8 . 1	
GP-01	2000-10-10	6 . 9 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1310

31 May 2005 21:15:03

ACTIVE specs R97 05 .- series  
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## TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-24	1997-12-19	6 . 0 . 0	<a href="#">get it</a>
smg-25	1998-03-20	6 . 1 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 2 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 3 . 0	<a href="#">get it</a>
ETSI publication	1999-03-09	6 . 3 . 1	<a href="#">get it</a>
smg-28	1999-02-12	6 . 4 . 0	<a href="#">get it</a>
ETSI publication	1999-08-04	6 . 4 . 1	<a href="#">get it</a>
smg-29	1999-06-25	6 . 5 . 0	<a href="#">get it</a>
ETSI publication	1999-12-14	6 . 5 . 1	<a href="#">get it</a>
smg-30	1999-11-11	6 . 6 . 0	<a href="#">get it</a>
ETSI publication	2001-05-29	6 . 6 . 1	<a href="#">get it</a>
GP-02	2000-11-24	6 . 7 . 0	<a href="#">get it</a>

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## TS 05.14 Release independent frequency bands; Implementation guidelines

R97 current version: 6.2.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / G2 rapporteur: KANGAS, Antti  
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time. From R99 onwards, the requirements are incorporated into the mainstreams specs.

remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R97 record created at same time (originally was only R99 and R98).

history (event, available, version, comments, hyperlink):

GP-02	2001-01-05	6 . 0 . 0	<a href="#">get it</a>
GP-05	2002-01-03	6 . 1 . 0	<a href="#">get it</a>
GP-10	2002-07-19	6 . 2 . 0	<a href="#">get it</a>

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# 3GPP specification status

Page 1311

31 May 2005 21:15:04

ACTIVE specs R97 05 .- series  
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**TR 05.22 Radio link management in hierarchical networks**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

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**TR 05.50 Background for RF Requirements**

R97 *current version:* 6.1.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #24: 6.0.0 #31:6.1.0

*history (event, available, version, comments, hyperlink):*

smg-24 1997-12-19 6 . 0 . 0

smg-31 2000-02-16 6 . 1 . 0

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**TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.

*history (event, available, version, comments, hyperlink):*

smg-27 2001-04-10 6 . 0 . 0

ETSI publication 2001-11-12 6 . 0 . 1

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# 3GPP specification status

Page 1312

31 May 2005 21:15:04

ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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R97 **06** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.01 Full Rate Speech Processing Functions**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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**TS 06.02 Half Rate Speech Processing Functions**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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[get it](#)

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**TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1313

31 May 2005 21:15:04

ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
ETSI Publication 1998-11-16 6 . 0 . 1 [get it](#)

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**TS 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec**

R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 06.10 Full Rate Speech Transcoding**

R97 *current version:* 6.2.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-32 2000-06-20 6 . 1 . 0 [get it](#)  
ETSI Publication 2000-11-30 6 . 1 . 1 [get it](#)  
SP-12 2001-06-29 6 . 2 . 0 [get it](#)

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# 3GPP specification status

Page 1314

31 May 2005 21:15:04

ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
ETSI Publication 1998-11-16 6 . 0 . 1 [get it](#)

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R97 *current version:* 6.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
ETSI Publication 1998-11-16 6 . 0 . 1 [get it](#)  
SP-12 2001-06-29 6 . 1 . 0 [get it](#)

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## TS 06.20 Half Rate Speech Transcoding

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
Editorial correction 1998-11-16 6 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1315

31 May 2005 21:15:04

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Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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**TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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**TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1316

31 May 2005 21:15:04

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**TS 06.32 Voice Activity Detection (VAD)**  
R97 *current version:* 6.0.1 *freeze\_meeting:* smg-26  
*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

[get it](#)  
[get it](#)

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**TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels**  
R97 *current version:* 6.0.1 *freeze\_meeting:* smg-26  
*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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[get it](#)

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**TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels**  
R97 *current version:* 6.0.1 *freeze\_meeting:* smg-26  
*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release: #27: 6.0.0*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
ETSI Publication 1998-11-16 6 . 0 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1317

31 May 2005 21:15:04

ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.51 GSM Enhanced full rate speech processing functions: General description**

R97 *current version:* 6.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-06-04	6	.	0	.	1	<a href="#">get it</a>
smg-32	2000-06-20	6	.	1	.	0	<a href="#">get it</a>
ETSI publication	2000-11-30	6	.	1	.	1	<a href="#">get it</a>
SP-10	2000-12-20	6	.	2	.	0	<a href="#">get it</a>

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**TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1998-11-16	6	.	0	.	1	<a href="#">get it</a>

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**TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)**

R97 *current version:* 6.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6	.	0	.	0	<a href="#">get it</a>
ETSI publication	1999-09-01	6	.	0	.	1	<a href="#">get it</a>
smg-32	2000-06-20	6	.	1	.	0	<a href="#">get it</a>
SP-10	2000-12-20	6	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1318

31 May 2005 21:15:04

ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TR 06.55 Performance characterisation of the GSM EFR Speech Codec**

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26

*WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek  
*G: yes U:* MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 06.60 Enhanced full rate speech transcoding**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

ETSI Publication 1998-11-16 6 . 0 . 1

[get it](#)

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**TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels**

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

ETSI Publication 1998-11-16 6 . 0 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1319

31 May 2005 21:15:04

ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
ETSI Publication 1999-06-04 6 . 0 . 1 [get it](#)

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**TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels**

R97 *current version:* 6.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0 #30: 6.1.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-30 1999-11-11 6 . 1 . 0 [get it](#)  
ETSI Publication 2000-05-09 6 . 1 . 1 [get it](#)

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**TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels**

R97 *current version:* 6.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
ETSI Publication 1998-11-16 6 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1320

31 May 2005 21:15:04

ACTIVE specs R97 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**  
R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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R97 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
R97 *current version:* 6.1.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-29 1999-06-25 6 . 1 . 0 [get it](#)

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**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
R97 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #26: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-26 1998-06-26 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1321

31 May 2005 21:15:04

ACTIVE specs R97 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R97 *current version:* 6.0.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #26: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-26 1998-06-26 6 . 0 . 0 [get it](#)

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97 *current version:* 6.0.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* C1 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-29 1999-06-25 6 . 3 . 0 [get it](#)  
TP-05 1999-10-08 6 . 4 . 0 [get it](#)  
TP-11 2001-04-06 6 . 5 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1322

31 May 2005 21:15:04

ACTIVE specs R97 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* C3 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* smg-26

*G:* yes *U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-24	1998-01-19	2	.	0	.	0	<a href="#">get it</a>
draft	1998-03-10	2	.	2	.	0	<a href="#">get it</a>
smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0	<a href="#">get it</a>
TP-05	1999-10-08	6	.	4	.	0	<a href="#">get it</a>
TP-15	2002-03-26	6	.	5	.	0	<a href="#">get it</a>

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## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R97 *current version:* 6.5.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0

### *history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	3	.	0	<a href="#">get it</a>
NP-05	1999-10-08	6	.	4	.	0	<a href="#">get it</a>
NP-06	1999-12-15	6	.	5	.	0	<a href="#">get it</a>

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R97

08 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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# 3GPP specification status

Page 1323

31 May 2005 21:15:04

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-27 1998-10-16 6 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1324

31 May 2005 21:15:04

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
R97 *current version:* 6.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-31b 2000-04-17 6 . 5 . 0 [get it](#)

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**TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-25 1998-03-20 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1325

31 May 2005 21:15:04

ACTIVE specs R97 08 .- series  
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**TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
R97 *current version:* 6.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26  
Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	2	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	3	.	0	<a href="#">get it</a>

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**TS 08.18 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**  
R97 *current version:* 6.8.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* smg-26  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	6	.	1	.	0	<a href="#">get it</a>
smg-27	1998-10-16	6	.	2	.	0	<a href="#">get it</a>
smg-28	1999-02-12	6	.	3	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	4	.	0	<a href="#">get it</a>
smg-30	1999-11-11	6	.	5	.	0	<a href="#">get it</a>
smg-31	2000-02-16	6	.	7	.	0	<a href="#">get it</a>
ETSI Publication	2000-03-16	6	.	7	.	1	<a href="#">get it</a>
GP-05	2001-06-18	6	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1326

31 May 2005 21:15:05

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

R97 *current version:* 6.1.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0  
NP-11 2001-04-04 6 . 1 . 0

[get it](#)

[get it](#)

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

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# 3GPP specification status

Page 1327

31 May 2005 21:15:05

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

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## TS 08.56 BSC-BTS Layer 2; Specification

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0

history (event, available, version, comments, hyperlink):

smg-25 1998-03-20 6 . 0 . 0

[get it](#)

smg-28 1999-02-12 6 . 1 . 0

[get it](#)

smg-29 1999-06-25 6 . 2 . 0

[get it](#)

smg-30 1999-11-11 6 . 3 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1328

31 May 2005 21:15:05

ACTIVE specs R97 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26 Skov  
G: yes U: MCC: USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
ETSI Publication 1998-11-16 6 . 0 . 1 [get it](#)

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**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26 Skov  
G: yes U: MCC: USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-18 6 . 0 . 0 [get it](#)  
ETSI Publication 1998-11-18 6 . 0 . 1 [get it](#)

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R97 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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# 3GPP specification status

Page 1329

31 May 2005 21:15:05

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## TR 09.01 General Network Interworking Scenarios

R97 *current version:* 6.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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## TS 09.02 Mobile Application Part (MAP) Specification

R97 *current version:* 6.14.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CN->N4 Apr00 (JMM)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
edito 1998-09-09 6 . 1 . 1 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-28 1999-02-12 6 . 3 . 0 [get it](#)  
smg-29 1999-06-25 6 . 4 . 0 [get it](#)  
NP-05 1999-10-08 6 . 5 . 0 [get it](#)  
NP-06 1999-12-15 6 . 6 . 0 [get it](#)  
NP-07 2000-03-15 6 . 7 . 0 [get it](#)  
NP-08 2000-06-21 6 . 8 . 0 [get it](#)  
NP-09 2000-11-08 6 . 9 . 0 [get it](#)  
NP-10 2000-12-21 6 . 10 . 0 [get it](#)  
NP-11 2001-04-06 6 . 11 . 0 [get it](#)  
NP-15 2002-04-04 6 . 12 . 0 [get it](#)  
NP-19 2003-04-07 6 . 13 . 0 [get it](#)  
NP-21 2003-10-09 6 . 14 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1330

31 May 2005 21:15:05

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile**  
R97 *current version: Network (PLMN)* 6.0.0 *WG (prime / other):* C3 /- *rporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release: #27: 6.0.0*  
T.

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)**  
R97 *current version: 6.0.0* *WG (prime / other):* C3 /- *rporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release: #27: 6.0.0*  
T.

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 09.05 Interworking between the PLMN and the PSPDN for PAD Access**  
R97 *current version: 6.0.0* *WG (prime / other):* C3 /- *rporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release: #27: 6.0.0*  
T.

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1331

31 May 2005 21:15:05

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.06 Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet**  
R97 *current version: Switched Data Transmission Services* 6.0.0 *WG (prime / other):* C3 /- *rporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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**TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone**  
R97 *current version: Network (PSTN)* 6.2.0 *WG (prime / other):* C3 /- *rporteur:* BELLING, Thomas  
SIEMENS AG

*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0 #29: 6.1.0 N#6: 6.2.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-29 1999-06-25 6 . 1 . 0 [get it](#)  
NP-06 1999-12-15 6 . 2 . 0 [get it](#)

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**TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface**  
R97 *current version: 6.0.0* *WG (prime / other):* C1 /- *rporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*freeze\_meeting:* smg-26

*G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0

*history (event, available, version, comments, hyperlink):*  
smg-27 1998-10-16 6 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1332

31 May 2005 21:15:05

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
R97 *current version: Procedures and the Mobile Application Part (MAP)* 6.2.0WG (*prime / other*): C4 /- *rapporteur:* KYMALAINEN, Kimmo  
TeliaSonera AB

*freeze\_meeting:* smg-26 G: yes U: MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0	<a href="#">get it</a>
smg-29	1999-06-25	6 . 1 . 0	<a href="#">get it</a>
NP-11	2001-04-04	6 . 2 . 0	<a href="#">get it</a>

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**TS 09.11 Signalling Interworking for Supplementary Services**  
R97 *current version: 6.0.0* WG (*prime / other*): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 G: yes U: MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #26: 6.0.0

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	6 . 0 . 0	<a href="#">get it</a>
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**TS 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols**  
R97 *current version: 6.0.0* WG (*prime / other*): C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 G: yes U: MCC: KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	6 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1333

31 May 2005 21:15:05

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.16 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification**

R97 *current version:* 6.1.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0

[get it](#)

smg-28 1999-02-12 6 . 1 . 0

[get it](#)

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**TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**

R97 *current version:* 6.7.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-02-20 6 . 0 . 0

[get it](#)

smg-26 1998-06-26 6 . 1 . 0

[get it](#)

smg-27 1998-10-16 6 . 2 . 0

[get it](#)

smg-28 1999-02-12 6 . 3 . 0

[get it](#)

smg-29 1999-06-25 6 . 4 . 0

[get it](#)

NP-05 1999-10-08 6 . 5 . 0

[get it](#)

NP-07 2000-03-15 6 . 6 . 0

[get it](#)

NP-14 2002-01-04 6 . 7 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1334

31 May 2005 21:15:05

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface

R97 *current version:* 6.13.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0	<a href="#">get it</a>
smg-26	1998-06-26	6 . 1 . 0	<a href="#">get it</a>
smg-27	1998-10-16	6 . 2 . 0	<a href="#">get it</a>
smg-28	1999-02-12	6 . 3 . 0	<a href="#">get it</a>
smg-29	1999-06-25	6 . 4 . 0	<a href="#">get it</a>
ETSI publication	1999-11-03	6 . 4 . 1	<a href="#">get it</a>
NP-05	1999-10-08	6 . 5 . 0	<a href="#">get it</a>
NP-06	1999-12-15	6 . 6 . 0	<a href="#">get it</a>
ETSI publication	2000-07-05	6 . 6 . 1	<a href="#">get it</a>
NP-07	2000-03-15	6 . 7 . 0	<a href="#">get it</a>
ETSI publication		6 . 7 . 1	
NP-08	2000-06-21	6 . 8 . 0	<a href="#">get it</a>
ETSI publication		6 . 8 . 1	
NP-09	2000-10-31	6 . 9 . 0	<a href="#">get it</a>
NP-11	2001-04-20	6 . 10 . 0	<a href="#">get it</a>
make figures visible	2001-08-09	6 . 10 . 1	<a href="#">get it</a>
NP-13	2001-10-03	6 . 11 . 0	<a href="#">get it</a>
NP-16	2002-06-21	6 . 12 . 0	<a href="#">get it</a>
NP-18	2003-01-07	6 . 13 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1335

31 May 2005 21:15:05

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)**  
R97 *current version:* 6.10.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0		<a href="#">get it</a>
smg-26		6 . 1 . 0	not issued, w/proc compatibility probs	
smg-26	1998-06-26	6 . 2 . 0		<a href="#">get it</a>
smg-27	1998-10-16	6 . 3 . 0		<a href="#">get it</a>
smg-30	1999-11-11	6 . 4 . 0		<a href="#">get it</a>
NP-13	2001-10-12	6 . 5 . 0		<a href="#">get it</a>
NP-14	2002-01-14	6 . 6 . 0		<a href="#">get it</a>
NP-15	2002-03-20	6 . 7 . 0		<a href="#">get it</a>
NP-16	2002-07-02	6 . 8 . 0		<a href="#">get it</a>
NP-18	2003-01-09	6 . 9 . 0		<a href="#">get it</a>
NP-19	2003-03-27	6 . 10 . 0		<a href="#">get it</a>

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**TS 09.78 CAMEL Application Part phase 2 (stage 3)**  
R97 *current version:* 6.5.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25	1998-03-20	6 . 0 . 0		<a href="#">get it</a>
smg-26	1998-06-26	6 . 1 . 0		<a href="#">get it</a>
smg-27	1998-10-16	6 . 2 . 0		<a href="#">get it</a>
smg-28	1999-02-12	6 . 3 . 0		<a href="#">get it</a>
smg-29	1999-06-25	6 . 4 . 0		<a href="#">get it</a>
NP-08	2000-06-21	6 . 5 . 0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1336

31 May 2005 21:15:05

ACTIVE specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
R97 *current version:* 6.1.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-24 G: yes U: *MCC:* Skov  
JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

*history (event, available, version, comments, hyperlink):*  
smg-27 6 . 0 . 0 withdrawn SMG-30; ; reinstated NP-16  
NP-16 2002-06-26 6 . 1 . 0 [get it](#)  
edito post NP-18 2002-12-16 6 . 1 . 1 minor editorials to change style from TS to [get it](#)  
TR.

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**TR 09.95 General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles**  
R97 *current version:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* Skov  
USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
GP-04 2001-04-20 6 . 0 . 0 [get it](#)  
GP-07 2002-01-04 6 . 1 . 0 [get it](#)  
GP-08 2002-02-19 6 . 2 . 0 [get it](#)  
GP-12 2003-01-03 6 . 3 . 0 [get it](#)  
GP-24 2005-04-22 6 . 4 . 0 [get it](#)

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R97 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1337

31 May 2005 21:15:05

ACTIVE specs R97 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+**

R97 *current version:* 6.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	6	.	0	.	0	<a href="#">get it</a>
NP-05	1999-10-08	6	.	1	.	0	<a href="#">get it</a>

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R97 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

R97 *current version:* 6.4.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-26 NP /  
T2 /  
SCP  
*G: yes U:* *MCC:* BAEV, Stoyan

*remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5. *remarks - this release:* #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

*history (event, available, version, comments, hyperlink):*

smg-28	1999-02-12	6	.	0	.	0	<a href="#">get it</a>
smg-29	1999-06-25	6	.	1	.	0	<a href="#">get it</a>
smg-30	1999-11-11	6	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	6	.	3	.	0	<a href="#">get it</a>
Editorial correction	2000-02-16	6	.	3	.	1	<a href="#">get it</a>
GP-06	2001-09-06	6	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1338

31 May 2005 21:15:05

ACTIVE specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R97 *current version:* 6.0.0 *WG (prime / other):* C6 / G2, *rapporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* smg-26 G3new

*G:* yes *U:* *MCC:* LENHART, Gabriele

*remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).CP-27: change of WG as a result of closure of CN and T.  
*remarks - this release:* GP-13: doc becomes pointer to latest Rel version.

*history (event, available, version, comments, hyperlink):*

GP-13 2003-02-21 6 . 0 . 0 [get it](#)

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## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* C6 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-32 *G:* yes *U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #32:frozen

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-28 1999-02-12 6 . 2 . 0 [get it](#)  
smg-31 2000-02-16 6 . 3 . 0 [get it](#)

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## TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

R97 *current version:* 6.3.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* (smg-31:6.4.0 but CR later withdrawn)

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 6 . 0 . 0 [get it](#)  
smg-26 1998-06-26 6 . 1 . 0 [get it](#)  
smg-27 1998-10-16 6 . 2 . 0 [get it](#)  
smg-28 1999-02-12 6 . 3 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1339

31 May 2005 21:15:06

ACTIVE specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters**

R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-26 G: yes U: *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* GP-09 (Usai) created to fill the Release gap.

*history (event, available, version, comments, hyperlink):*

GP-09 2002-05-06 6 . 0 . 0 [get it](#)  
edito (correction of 2002-06-18 6 . 0 . 1 [get it](#)  
version on cover)

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R97

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.05 Subscriber Related Call and Event Data**

R97 *current version:* 6.1.0 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* smg-26 G: yes U: *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0 [get it](#)  
smg-28 1999-02-12 6 . 1 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1340

31 May 2005 21:15:06

ACTIVE specs R97 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.11 Fault management of the Base Station System (BSS)**

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

WG (prime / other): S5 / S1 / GP  
rapporteur: TOVINGER, Thomas Telefon AB LM Ericsson

G: yes U: MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-26	1998-06-26	6	.	0	.	0
smg-27	1998-10-16	6	.	1	.	0
smg-28	1999-02-12	6	.	2	.	0
smg-29	1999-06-25	6	.	3	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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**TS 12.15 General Packet Radio Service (GPRS); GPRS Charging**

R97  
current version: 6.3.0  
freeze\_meeting: smg-26

WG (prime / other): S5 / -  
rapporteur: ALEXANDER, Benni NOKIA Corporation

G: yes U: MCC: ZOICAS, Adrian

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-27	1998-10-16	6	.	1	.	0
smg-28	1999-02-12	6	.	2	.	0
SP-18	2003-01-07	6	.	3	.	0

[get it](#)  
[get it](#)  
[get it](#)

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**TS 12.21 Network Management (NM) procedures and messages on the A-bis interface**

R97  
current version: 6.0.0  
freeze\_meeting: smg-26

WG (prime / other): G1 / S5  
rapporteur: TRUSS, Michael MOTOROLA Ltd

G: yes U: MCC: USAI, Paolino

remarks - general: SP-13: S5->G3 but no change of rapporteur.

remarks - this release: GP-09 (Usai) created to fill the Release gap.

history (event, available, version, comments, hyperlink):

GP-09	2002-05-06	6	.	0	.	0
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[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

## R96

R96 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system**

R96 *current version:* 5.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* G: yes U: MCC: POPE, Maurice

*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-20 2003-06-25 5 . 0 . 0 [get it](#)

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**TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)**

R96 *current version:* 5.0.0 *WG (prime / other):* S1 / GP / NP *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 G: yes U: MCC: CLAYTON, Michael

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17 1996-02-02 5 . 0 . 0 [get it](#)

# 3GPP specification status

Page 1342

31 May 2005 21:15:06

ACTIVE specs R96 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.04 Abbreviations and acronyms**

R96 *current version:* 5.0.2  
*freeze\_meeting:* smg-22

*WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	1	<a href="#">get it</a>
ETSI publication	2001-10-30	5	.	0	.	2	<a href="#">get it</a>

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**TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study**

R96 *current version:* 5.0.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* MEYER, Juergen SIEMENS AG  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-11-11	5	.	0	.	1	<a href="#">get it</a>

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R96

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1343

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**

R96 *current version:* 5.5.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 2 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 3 . 0	<a href="#">get it</a>
smg-26	1998-06-26	5 . 4 . 0	<a href="#">get it</a>
smg-29	1999-06-25	5 . 5 . 0	<a href="#">get it</a>

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**TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)**

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 2 . 0	<a href="#">get it</a>
ETSI publication	1997-05-02	5 . 2 . 1	<a href="#">get it</a>
smg-22	1997-06-13	5 . 3 . 0	<a href="#">get it</a>
ETSI OAP	1997-07-21	5 . 3 . 1	<a href="#">get it</a>
ETSI publication	1997-12-31	5 . 3 . 2	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1344

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)**

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17	1997-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	1	.	2	<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1997-08-26	5	.	2	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	3	.	0	<a href="#">get it</a>
ETSI OAP	1997-07-21	5	.	3	.	1	<a href="#">get it</a>
ETSI publication	1998-01-14	5	.	3	.	2	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1345

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.04 General on Supplementary Services

R96 *current version:* 5.7.4  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul  
*G: yes U:* MCC: CLAYTON, Michael

Research in Motion UK Limited

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18	1996-04-14	5 . 2 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 3 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1997-05-02	5 . 4 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 5 . 0	<a href="#">get it</a>
ETSI publication	1997-08-28	5 . 5 . 1	<a href="#">get it</a>
smg-22	1997-06-13	5 . 6 . 0	<a href="#">get it</a>
ETSI OAP	1997-09-19	5 . 6 . 1	<a href="#">get it</a>
ETSI publication	1998-02-27	5 . 6 . 2	<a href="#">get it</a>
smg-23	1997-10-17	5 . 7 . 0	<a href="#">get it</a>
smg-25	1998-03-20	5 . 7 . 1	<a href="#">get it</a>
ETSI publication	1998-02-01	5 . 7 . 2	<a href="#">get it</a>
smg-29	1999-06-25	5 . 7 . 3	<a href="#">get it</a>
ETSI publication	1999-12-29	5 . 7 . 4	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1346

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5 . 0 . 0	<a href="#">get it</a>
ETSI publication	1997-05-02	5 . 0 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 1 . 0	<a href="#">get it</a>
ETSI publication	1997-08-26	5 . 1 . 1	<a href="#">get it</a>
smg-28	1999-02-12	5 . 2 . 0	<a href="#">get it</a>
ETSI publication	1999-08-04	5 . 2 . 1	<a href="#">get it</a>

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## TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5 . 0 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 2 . 0	<a href="#">get it</a>
ETSI publication	1997-05-02	5 . 2 . 1	<a href="#">get it</a>
smg-22	1997-06-13	5 . 3 . 0	<a href="#">get it</a>
ETSI OAP	1997-07-21	5 . 3 . 1	<a href="#">get it</a>
ETSI publication	1997-12-31	5 . 3 . 2	<a href="#">get it</a>
smg-24	1997-12-19	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1998-06-17	5 . 4 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1347

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.09 Security aspects**  
R96 *current version:* 5.2.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S3 / S1 / NP      *rapporteur:* CHRISTOFFERSSON, Per      TeliaSonera AB

*G: yes U:*      *MCC:* CLAYTON, Michael

*remarks - general:*      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	0	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
edito	1997-12-08	5	.	1	.	1	<a href="#">get it</a>
smg-31	2000-02-16	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	2000-08-29	5	.	2	.	1	<a href="#">get it</a>

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**TS 02.11 Service accessibility**  
R96 *current version:* 5.0.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / -      *rapporteur:* IBIDUN, Kunle      ORANGE SA

*G: yes U:*      *MCC:* CLAYTON, Michael

*remarks - general:*      *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1348

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	5	.	1	.	0	<a href="#">get it</a>
SP-08	2000-06-23	5	.	2	.	0	<a href="#">get it</a>

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## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* C6 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	0	.	1	<a href="#">get it</a>
smg-27	1998-10-16	5	.	1	.	0	<a href="#">get it</a>
ETSI publication	1999-04-08	5	.	1	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1349

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.22 Stage 1 for personalisation of GSM ME**

R96 *current version:* 5.4.0

*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / *rapporteur:* POIRAUD, Patrick ALCATEL S.A.

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17 1996-02-02 5 . 0 . 0 [get it](#)

smg-19 1996-06-28 5 . 1 . 0 [get it](#)

smg-20 1996-10-11 5 . 2 . 0 [get it](#)

smg-23 1997-10-17 5 . 3 . 0 [get it](#)

smg-25 1998-03-20 5 . 3 . 1 [get it](#)

smg-26 1998-06-26 5 . 4 . 0 [get it](#)

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**TS 02.24 Description of Charge Advice Information (CAI)**

R96 *current version:* 5.0.1

*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / *rapporteur:* DEOL, Amar Nortel Networks (USA)

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

ETSI publication 1997-05-02 5 . 0 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1350

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1  
freeze\_meeting: smg-22

WG (prime / other): S1 / rapporteur: JEAL, David  
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 2 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 3 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 3 . 1	<a href="#">get it</a>
ETSI publication	1997-05-02	5 . 3 . 2	<a href="#">get it</a>
smg-21	1997-02-14	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1997-08-26	5 . 4 . 1	<a href="#">get it</a>
smg-22	1997-06-13	5 . 5 . 0	<a href="#">get it</a>
ETSI OAP	1997-09-19	5 . 5 . 1	<a href="#">get it</a>
ETSI publication	1998-02-27	5 . 5 . 2	<a href="#">get it</a>
smg-23	1997-10-17	5 . 6 . 0	<a href="#">get it</a>
edito	1998-01-06	5 . 6 . 1	<a href="#">get it</a>
smg-24	1997-12-19	5 . 6 . 2	<a href="#">get it</a>
smg-28	1999-02-12	5 . 7 . 0	<a href="#">get it</a>
ETSI publication	1999-08-04	5 . 7 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1351

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1**

R96 *current version:* 5.2.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	1995-10-31	0	.	0	.	0		<a href="#">get it</a>
draft	1996-02-13	0	.	1	.	0		<a href="#">get it</a>
draft	1996-06-19	0	.	2	.	0		<a href="#">get it</a>
draft	1996-02-13	0	.	5	.	0		<a href="#">get it</a>
smg-20	1996-10-09	5	.	0	.	0		<a href="#">get it</a>
ETSI publication	1996-11-28	5	.	0	.	1		<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0		<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0		<a href="#">get it</a>
ETSI publication	1997-08-04	5	.	2	.	1		<a href="#">get it</a>

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**TS 02.40 Procedures for Call Progress Indications**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / NP *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1352

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.41 Operator Determined Barring**

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	1	.	1	<a href="#">get it</a>

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**TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1**

R96 *current version:* 5.1.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
edito	1996-10-08	5	.	0	.	1	<a href="#">get it</a>
smg-24	1997-12-19	5	.	1	.	0	<a href="#">get it</a>

---

**TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile International AG

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1353

31 May 2005 21:15:06

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1**

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 0 . 1	<a href="#">get it</a>
smg-20	1996-10-11	5 . 0 . 2	<a href="#">get it</a>
ETSI publication	1997-06-03	5 . 0 . 3	<a href="#">get it</a>
smg-22	1997-06-13	5 . 0 . 4	<a href="#">get it</a>
edito	1997-12-05	5 . 0 . 5	<a href="#">get it</a>
smg-29	1999-06-25	5 . 1 . 0	<a href="#">get it</a>
ETSI publication	1999-12-29	5 . 1 . 1	<a href="#">get it</a>

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**TS 02.68 Voice Group Call Service (VGCS); Stage 1**

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 1 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 1 . 2	<a href="#">get it</a>
smg-22	1997-06-13	5 . 1 . 3	<a href="#">get it</a>
smg-26	1998-06-26	5 . 2 . 0	<a href="#">get it</a>
publish ETS 300	1998-12-01	5 . 2 . 1	<a href="#">get it</a>
925			

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1354

31 May 2005 21:15:07

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.69 Voice Broadcast Service (VBS); Stage 1**

R96 *current version:* 5.2.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	2	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	3	<a href="#">get it</a>
smg-26	1998-06-26	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1998-12-01	5	.	2	.	1	<a href="#">get it</a>

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**TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)**

R96 *current version:* 5.6.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	4	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	5	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1355

31 May 2005 21:15:07

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.79 Support of Optimal Routeing (SOR); Service definition (Stage 1)**

R96 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #19: 5.0.0 #20: 5.1.0 #28: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	2	.	0	<a href="#">get it</a>

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**TS 02.81 Line Identification Supplementary Services; Stage 1**

R96 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #20: 5.0.0 #24: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	1	.	0	<a href="#">get it</a>

---

**TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1**

R96 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #16: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1356

31 May 2005 21:15:07

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1**

R96 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1**

R96 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1**

R96 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1357

31 May 2005 21:15:07

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1**

R96 current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: MCC: CLAYTON, Michael  
remarks - this release: #20: 5.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**

R96 current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes T-Mobile International AG  
G: yes U: MCC: CLAYTON, Michael  
remarks - this release: #20: 5.0.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1**

R96 current version: 5.1.0  
freeze\_meeting: smg-22

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan NOKIA Corporation  
G: yes U: MCC: CLAYTON, Michael  
remarks - this release: #20: 5.0.0 #21: 5.1.0

remarks - general:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

smg-21 1997-02-14 5 . 1 . 0

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1358

31 May 2005 21:15:07

ACTIVE specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.91 Explicit Call Transfer (ECT)

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1

*history (event, available, version, comments, hyperlink):*

smg-16	1996-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	0	.	1	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	1	<a href="#">get it</a>

---

## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 *current version:* 5.2.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #16: 5.0.0 #18: 5.1.0 #19: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	2	.	0	<a href="#">get it</a>

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R96

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1359

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.01 Network Functions

R96 *current version:* 5.1.0  
*freeze\_meeting:* smg-22  
*remarks - general:* SMG3->SA2 @ TSG#7

*WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*G: yes U:* *MCC:* POPE, Maurice  
*remarks - this release:* #17: 5.0.0 #18: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>

---

## TS 03.02 Network Architecture

R96 *current version:* 5.3.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S2 / NP / T2 *rapporteur:* MILINSKI, AlexanderSIEMENS AG  
*G: yes U:* *MCC:* POPE, Maurice  
*remarks - this release:* #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1360

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.03 Numbering, Addressing and Identification

R96 *current version:* 5.5.0 *WG (prime / other):* C4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-17			5	.	0	.	0	
ETSI OAP	1996-11-25		5	.	0	.	1	<a href="#">get it</a>
ETSI publication	1997-05-02		5	.	0	.	2	<a href="#">get it</a>
smg-25	1998-03-20		5	.	1	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23		5	.	1	.	1	<a href="#">get it</a>
smg-29	1999-05-26		5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1999-11-22		5	.	2	.	1	<a href="#">get it</a>
NP-07	2000-03-15		5	.	3	.	0	<a href="#">get it</a>
ETSI publication	2000-11-15		5	.	3	.	1	<a href="#">get it</a>
NP-08	2000-06-21		5	.	4	.	0	<a href="#">get it</a>
ETSI publication	2001-01-04		5	.	4	.	1	<a href="#">get it</a>
NP-21	2003-10-09		5	.	5	.	0	<a href="#">get it</a>

---

## TR 03.05 Technical performance objectives

R96 *current version:* 5.0.0 *WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

### *history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11		5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1361

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.07 Restoration Procedures

R96 current version: 5.1.0

freeze\_meeting: smg-22

WG (prime / other): C4 / - rapporteur: PARK, Ian David VODAFONE LTD

Chalmers  
G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

smg-23 1997-10-17 5 . 1 . 0

[get it](#)

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## TS 03.08 Organization of Subscriber Data

R96 current version: 5.2.0

freeze\_meeting: smg-22

WG (prime / other): C4 / - rapporteur:

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

[get it](#)

smg-21 1997-02-14 5 . 1 . 0

[get it](#)

smg-23 1997-10-17 5 . 2 . 0

[get it](#)

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## TS 03.09 Handover Procedures

R96 current version: 5.1.0

freeze\_meeting: smg-22

WG (prime / other): C1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #18: 5.0.0 #22: 5.1.0

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

[get it](#)

smg-22 1997-06-13 5 . 1 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1362

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R96 *current version:* 5.4.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	4	.	0	<a href="#">get it</a>

---

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-06-03	5	.	0	.	1	<a href="#">get it</a>

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## TS 03.12 Location Registration Procedures

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1363

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:* #17: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-17 1996-02-02 5 . 0 . 0

[get it](#)

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert  
*G: yes U:* MCC: JURISIC, Andrijana

SIEMENS AG

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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## TS 03.15 Technical Realization of Operator Determined Barring

R96 *current version:* 5.1.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick  
*G: yes U:* MCC: KYMALAINEN, Kimmo

VODAFONE LTD

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #16: 5.0.0 #21: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-16 1995-10-20 5 . 0 . 0

smg-21 1997-02-14 5 . 1 . 0

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1364

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.16 Subscriber Data Management

R96 *current version:* 5.3.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0

### *history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	3	.	0	<a href="#">get it</a>

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## TS 03.18 Basic Call Handling

R96 *current version:* 5.6.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-21	1997-02-14	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	3	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	4	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	5	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1365

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.20 Security-related network functions**

R96  
current version: 5.2.1  
freeze\_meeting: smg-22

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, Sebastien France Telecom  
GP

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: SMG#29: CRs but postponed, then forgotten!

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
smg-29	1999-06-25	5	.	2	.	1	<a href="#">get it</a>

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**TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode**

R96  
current version: 5.3.1  
freeze\_meeting: smg-22

WG (prime / other): G1 / N1 rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: USAI, Paolino

remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode".

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-06-03	5	.	0	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
ETSI publication	1997-09-15	5	.	1	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1997-12-31	5	.	2	.	1	<a href="#">get it</a>
smg-26	1998-06-26	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	1998-12-10	5	.	3	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1366

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator**

R96  
current version: 5.2.0  
freeze\_meeting: smg-22

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-22 1997-06-13 5 . 1 . 0  
smg-23 1997-10-17 5 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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**TR 03.30 Radio Network Planning Aspects**

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): GP / - rapporteur: TEGTH, Ulf TeliaSonera AB  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 03.32 Universal Geographical Area Description (GAD)**

R96  
current version: 5.2.0  
freeze\_meeting: smg-22

WG (prime / other): S2 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
G: yes U: MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-23 1997-10-17 5 . 0 . 0  
smg-26 1998-06-26 5 . 1 . 0  
smg-27 1998-10-16 5 . 2 . 0

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[get it](#)  
[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1367

31 May 2005 21:15:07

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 *current version:* 5.2.0 *WG (prime / other):* C1 / - *rapporteur:* SITCH, Paul NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-21	1997-02-14	5	.	0	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	2	.	0	<a href="#">get it</a>

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## TS 03.38 Alphabets and language-specific information

R96 *current version:* 5.6.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	2	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	3	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	4	.	0	<a href="#">get it</a>
ETSI publication		5	.	4	.	1	
smg-21	1997-02-14	5	.	5	.	0	<a href="#">get it</a>
ETSI publication		5	.	5	.	1	
smg-22	1997-06-13	5	.	6	.	0	<a href="#">get it</a>
Editorial correction	1997-07-13	5	.	6	.	1	<a href="#">get it</a>

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# 3GPP specification status

Page 1368

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
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## TS 03.40 Technical realization of the Short Message Service (SMS)

R96 *current version:* 5.8.1 *WG (prime / other):* C1 / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	2	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	3	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	4	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	5	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	6	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	7	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	8	.	0	<a href="#">get it</a>
Editorial change	1998-07-26	5	.	8	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1369

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 2 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 3 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1997-05-02	5 . 4 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 5 . 0	<a href="#">get it</a>
ETSI publication	1997-09-15	5 . 5 . 1	<a href="#">get it</a>
smg-22	1997-06-13	5 . 6 . 0	<a href="#">get it</a>
ETSI publication	1998-02-02	5 . 6 . 1	<a href="#">get it</a>
smg-23	1997-10-17	5 . 7 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 8 . 0	<a href="#">get it</a>
ETSI publication	1998-06-17	5 . 8 . 1	<a href="#">get it</a>
smg-25	1998-03-20	5 . 9 . 0	<a href="#">get it</a>
ETSI publication	1999-02-03	5 . 9 . 1	<a href="#">get it</a>

---

## TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* TP-27: Former WG = T2. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-21	1997-02-14	5 . 0 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 1 . 0	<a href="#">get it</a>
smg-23	1997-10-17	5 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1370

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.43 Support of Videotex**  
R96 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R96 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent**  
R96 *current version:* 5.2.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0  
ETSI publication 1997-05-02 5 . 0 . 1  
smg-21 1997-02-14 5 . 1 . 0  
ETSI publication 1997-08-26 5 . 1 . 1  
smg-22 1997-06-13 5 . 2 . 0  
ETSI publication 1998-02-02 5 . 2 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1371

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent**

R96 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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**TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)**

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1372

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R96 *current version:* 5.7.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 1 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 2 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 3 . 0	<a href="#">get it</a>
smg-21	1997-02-14	5 . 4 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 5 . 0	<a href="#">get it</a>
smg-23	1997-10-17	5 . 6 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 7 . 0	<a href="#">get it</a>

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## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R96 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0

### *history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5 . 0 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 0 . 1	<a href="#">get it</a>
smg-24	1997-12-19	5 . 0 . 3	<a href="#">get it</a>
smg-25	1998-03-20	5 . 1 . 0	<a href="#">get it</a>
smg-27	1998-10-16	5 . 2 . 0	<a href="#">get it</a>
smg-28	1999-02-12	5 . 3 . 0	<a href="#">get it</a>
smg-32	2000-06-20	5 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1373

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.54 Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2**  
R96 *current version:* 5.2.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #23: 5.1.0 #24: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 5 . 1 . 0 [get it](#)  
smg-24 1997-12-19 5 . 2 . 0 [get it](#)

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**TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2**  
R96 *current version:* 5.1.0 *WG (prime / other):* C1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-18 1996-04-12 5 . 1 . 0 [get it](#)

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**TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2**  
R96 *current version:* 5.1.1 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-20 1996-10-11 5 . 1 . 0 [get it](#)  
ETSI publication 1997-06-03 5 . 1 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1374

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R96 current version: 5.6.0 WG (prime / other): C1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
freeze\_meeting: smg-22 G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: change of WG as a result of closure of CN and T. remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 1 . 1	<a href="#">get it</a>
ETSI publication	1997-06-03	5 . 1 . 2	<a href="#">get it</a>
smg-21	1997-02-14	5 . 2 . 0	<a href="#">get it</a>
ETSI publication	1997-08-26	5 . 2 . 1	<a href="#">get it</a>
smg-23	1997-10-17	5 . 3 . 0	<a href="#">get it</a>
ETSI publication	1998-04-07	5 . 3 . 1	<a href="#">get it</a>
smg-24	1997-12-19	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1998-07-23	5 . 4 . 1	<a href="#">get it</a>
smg-26	1998-06-26	5 . 5 . 1	<a href="#">get it</a>
NP-21	2003-10-13	5 . 6 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1375

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 *current version:* 5.6.0 *WG (prime / other):* C1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 1 . 1	<a href="#">get it</a>
ETSI publication	1997-06-03	5 . 1 . 2	<a href="#">get it</a>
smg-21	1997-02-14	5 . 2 . 0	<a href="#">get it</a>
ETSI publication	1997-08-26	5 . 2 . 1	<a href="#">get it</a>
smg-23	1997-10-17	5 . 3 . 0	<a href="#">get it</a>
ETSI publication	1998-04-07	5 . 3 . 1	<a href="#">get it</a>
smg-24	1997-12-19	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1999-10-23	5 . 4 . 1	<a href="#">get it</a>
smg-26	1998-06-26	5 . 5 . 0	<a href="#">get it</a>
ETSI publication	1998-12-10	5 . 5 . 1	<a href="#">get it</a>
NP-21	2003-10-13	5 . 6 . 0	<a href="#">get it</a>

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## TS 03.70 Routeing of Calls to/from Public Data Networks (PDN)

R96 *current version:* 5.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #20: 5.0.0

### *history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5 . 0 . 0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1376

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2**

R96 *current version:* 5.8.0 *WG (prime / other):* C4 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-21	1997-02-14	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-04-23	5	.	0	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	3	.	0	<a href="#">get it</a>
edito	1998-01-19	5	.	3	.	1	<a href="#">get it</a>
ETSI publication	1998-01-30	5	.	3	.	2	<a href="#">get it</a>
smg-25	1998-03-20	5	.	4	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	5	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	6	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	7	.	0	<a href="#">get it</a>
smg-29	1999-06-25	5	.	8	.	0	<a href="#">get it</a>

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**TS 03.79 Support of Optimal Routeing phase 1; Stage 2**

R96 *current version:* 5.5.0 *WG (prime / other):* C4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0

*history (event, available, version, comments, hyperlink):*

smg-21	1997-02-14	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	0	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	2	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	3	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	4	.	0	<a href="#">get it</a>
NP-05	1999-10-08	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1377

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.81 Line Identification Supplementary Services; Stage 2

R96 *current version:* 5.2.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0 #24: 5.1.0 #26: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	1	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	2	.	0	<a href="#">get it</a>

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
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## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1378

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.84 Multi Party (MPHY) Supplementary Services; Stage 2

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

ETSI Publication 2000-11-28 5 . 0 . 1

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# 3GPP specification status

Page 1379

31 May 2005 21:15:08

ACTIVE specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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## TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R96 *current version:* 5.0.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #16: 5.0.0 #18: 5.0.1 #19: 5.0.2

*history (event, available, version, comments, hyperlink):*

smg-16 1995-10-20 5 . 0 . 0 [get it](#)  
smg-18 1996-04-12 5 . 0 . 1 [get it](#)  
smg-19 1996-06-28 5 . 0 . 2 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1380

31 May 2005 21:15:08

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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R96 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**

R96 current version: 5.0.0 WG (prime / other): C1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
freeze\_meeting: smg-22 Skov

G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**

R96 current version: 5.0.0 WG (prime / other): C1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
freeze\_meeting: smg-22 Skov

G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #18: 5.0.0

history (event, available, version, comments, hyperlink):

smg-18 1996-04-12 5 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1381

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R96 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	3	.	0	<a href="#">get it</a>

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## TS 04.04 Layer 1 - General Requirements

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* smg-22 G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	0	.	1	<a href="#">get it</a>
smg-24	1997-12-19	5	.	1	.	0	<a href="#">get it</a>

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## TS 04.05 Data Link (DL) Layer General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	1	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1382

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 *current version:* 5.4.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-05-02	5	.	0	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
ETSI publication	1997-09-15	5	.	1	.	1	<a href="#">get it</a>
smg-25	1998-03-20	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	2	.	1	<a href="#">get it</a>
smg-29	1999-06-25	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	1999-12-22	5	.	3	.	1	<a href="#">get it</a>
smg-31	2000-02-16	5	.	4	.	0	<a href="#">get it</a>
ETSI Publication	2000-11-28	5	.	4	.	1	<a href="#">get it</a>

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 *current version:* 5.3.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
ETSI publication	1997-05-05	5	.	1	.	2	<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1997-12-19	5	.	2	.	1	<a href="#">get it</a>
smg-24	1997-12-19	5	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1383

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R96 *current version:* 5.20.0 *WG (prime / other):* C1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: JURISIC, Andrijana

*remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 2 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 3 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1997-05-13	5 . 4 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 5 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 6 . 0	<a href="#">get it</a>
ETSI OAP	1997-09-19	5 . 6 . 2	<a href="#">get it</a>
ETSI publication	1998-02-27	5 . 6 . 3	<a href="#">get it</a>
smg-23	1997-10-17	5 . 7 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 8 . 0	<a href="#">get it</a>
smg-25	1998-03-20	5 . 9 . 0	<a href="#">get it</a>
ETSI publication	1998-10-23	5 . 9 . 1	<a href="#">get it</a>
smg-26	1998-06-26	5 . 10 . 0	<a href="#">get it</a>
ETSI publication	1998-12-16	5 . 10 . 1	<a href="#">get it</a>
smg-27	1998-10-16	5 . 11 . 0	<a href="#">get it</a>
ETSI publication	1999-03-23	5 . 11 . 1	<a href="#">get it</a>
smg-28	1999-02-12	5 . 12 . 0	<a href="#">get it</a>
smg-29	1999-06-25	5 . 13 . 0	<a href="#">get it</a>
ETSI publication	1999-12-22	5 . 13 . 1	<a href="#">get it</a>
smg-30	1999-11-11	5 . 14 . 0	<a href="#">get it</a>
ETSI publication	2000-05-09	5 . 14 . 1	<a href="#">get it</a>
NP-07	2000-03-15	5 . 15 . 0	<a href="#">get it</a>
ETSI publication	2000-10-05	5 . 15 . 1	<a href="#">get it</a>
smg-31b	2000-04-17	5 . 16 . 0	<a href="#">get it</a>
smg-32	2000-06-20	5 . 17 . 0	<a href="#">get it</a>
GP-01	2000-10-12	5 . 18 . 0	<a href="#">get it</a>
edito	2000-11-02	5 . 18 . 1	<a href="#">get it</a>
NP-18	2002-12-18	5 . 19 . 0	<a href="#">get it</a>
GP-15	2003-07-10	5 . 20 . 0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1384

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, Ramachandran QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 5 . 0 . 0  
edito 1996-10-11 5 . 0 . 1

[get it](#)

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R96 *current version:* 5.3.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16 1995-10-20 5 . 0 . 0  
smg-17 1996-02-02 5 . 1 . 0  
smg-20 1996-10-11 5 . 1 . 1  
smg-21 1997-02-14 5 . 2 . 0  
ETSI publication 1997-09-15 5 . 2 . 1  
NP-09 2000-10-24 5 . 3 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1385

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface**  
R96 *current version:* 5.0.2 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:* #19: 5.0.0 #20: 5.0.1

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	1	<a href="#">get it</a>
ETSI Publication	2000-11-28	5	.	0	.	2	<a href="#">get it</a>

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**TS 04.13 Performance Requirements on Mobile Radio Interface**  
R96 *current version:* 5.1.1 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #18: 5.0.0 #20: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	2000-11-28	5	.	1	.	1	<a href="#">get it</a>

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**TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions**  
R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	5	.	0	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1386

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
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**TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface**

R96 *current version:* 5.7.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0  
TSG#8:5.7.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	4	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	5	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	6	.	0	<a href="#">get it</a>
NP-08	2000-06-21	5	.	7	.	0	<a href="#">get it</a>

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**TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services**

R96 *current version:* **Switching Centre (BSS - MSC) interface** 5.6.1 *WG (prime / other):* C3 / - *rapporteur:* KLEHN, Norbert  
SIEMENS AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	4	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	5	.	0	<a href="#">get it</a>
NP-06	1999-12-13	5	.	6	.	0	<a href="#">get it</a>
ETSI publication	2000-07-17	5	.	6	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1387

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**  
R96 *current version:* 5.0.0 *WG (prime / other):* C1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18 1996-04-12 5 . 0 . 0 [get it](#)

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**TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**  
R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 2000-11-28 5 . 0 . 1 [get it](#)

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**TS 04.68 Group Call Control (GCC) Protocol**  
R96 *current version:* 5.5.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18 1996-04-12 5 . 0 . 0 [get it](#)  
smg-20 1996-10-11 5 . 0 . 1 [get it](#)  
smg-27 1998-10-16 5 . 1 . 0 [get it](#)  
smg-28 1999-02-12 5 . 2 . 0 [get it](#)  
smg-29 1999-06-25 5 . 3 . 0 [get it](#)  
smg-30 1999-11-11 5 . 4 . 0 [get it](#)  
NP-07 2000-03-15 5 . 5 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1388

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.69 Broadcast Call Control (BCC) protocol

R96 *current version:* 5.5.0 *WG (prime / other):* C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	1	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	2	.	0	<a href="#">get it</a>
smg-29	1999-06-25	5	.	3	.	0	<a href="#">get it</a>
smg-30	1999-11-11	5	.	4	.	0	<a href="#">get it</a>
NP-07	2000-03-15	5	.	5	.	0	<a href="#">get it</a>

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## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R96 *current version:* 5.3.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	1	<a href="#">get it</a>
smg-24	1997-12-19	5	.	1	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	2	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	3	.	0	<a href="#">get it</a>
ETSI Publication	1999-03-12	5	.	3	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1389

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.81 Line Identification Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1390

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.84 Multi Party (MPty) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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## TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1391

31 May 2005 21:15:09

ACTIVE specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R96 *current version:* 5.1.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0 #24: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1998-01-19	5	.	1	.	1	<a href="#">get it</a>

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## TS 04.90 Unstructured Supplementary Service Data (USSD)

R96 *current version:* 5.0.1 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1996-11-11	5	.	0	.	1	<a href="#">get it</a>

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## TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R96 *current version:* 5.1.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #16: 5.0.0 #17: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1996-03-02	5	.	1	.	2	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1392

31 May 2005 21:15:09

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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R96 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.01 Physical Layer on the Radio Path (General Description)**

R96 *current version:* 5.4.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	3	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	4	.	0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1393

31 May 2005 21:15:10

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96 *current version:* 5.10.0

*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

*G:* yes *U:*

*MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5 . 0 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 2 . 0	<a href="#">get it</a>
ETSI publication	1997-05-13	5 . 2 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 3 . 0	<a href="#">get it</a>
ETSI publication	1997-08-26	5 . 3 . 1	<a href="#">get it</a>
smg-22	1997-06-13	5 . 4 . 0	<a href="#">get it</a>
ETSI publication	1997-12-31	5 . 4 . 1	<a href="#">get it</a>
smg-23	1997-10-17	5 . 5 . 0	<a href="#">get it</a>
smg-25	1998-03-20	5 . 6 . 0	<a href="#">get it</a>
ETSI publication	1998-10-23	5 . 6 . 1	<a href="#">get it</a>
smg-26	1998-06-26	5 . 7 . 0	<a href="#">get it</a>
ETSI publication	1998-12-10	5 . 7 . 1	<a href="#">get it</a>
smg-28	1999-02-12	5 . 8 . 0	<a href="#">get it</a>
ETSI publication	1999-08-04	5 . 8 . 1	<a href="#">get it</a>
GP-01	2000-10-09	5 . 9 . 0	<a href="#">get it</a>
GP-06	2001-10-01	5 . 10 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1394

31 May 2005 21:15:10

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.03 Channel coding

R96 *current version:* 5.6.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0  
GERAN#1:5.6.0

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>
smg-19	1996-06-26	5	.	2	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	2	.	1	<a href="#">get it</a>
ETSI publication	1997-05-12	5	.	2	.	2	<a href="#">get it</a>
smg-21	1997-02-14	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	1997-08-26	5	.	3	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	4	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	5	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	5	.	1	<a href="#">get it</a>
GP-01	2000-10-09	5	.	6	.	0	<a href="#">get it</a>

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## TS 05.04 Modulation

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-05-13	5	.	0	.	1	<a href="#">get it</a>
smg-30	1999-11-11	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1999-12-11	5	.	1	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1395

31 May 2005 21:15:10

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0

freeze\_meeting: smg-22

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	2	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	1997-05-13	5	.	3	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	1997-08-26	5	.	4	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	5	.	0	<a href="#">get it</a>
ETSI publication	1998-02-02	5	.	5	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	6	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	7	.	0	<a href="#">get it</a>
ETSI publication	1998-06-17	5	.	7	.	1	<a href="#">get it</a>
smg-25	1998-03-20	5	.	8	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	8	.	1	<a href="#">get it</a>
smg-26	1998-06-26	5	.	9	.	0	<a href="#">get it</a>
ETSI publication	1998-12-11	5	.	9	.	1	<a href="#">get it</a>
smg-27	1998-10-16	5	.	10	.	0	<a href="#">get it</a>
ETSI publication	1999-03-09	5	.	10	.	1	<a href="#">get it</a>
smg-29	1999-06-25	5	.	11	.	0	<a href="#">get it</a>
ETSI publication	1999-12-22	5	.	11	.	1	<a href="#">get it</a>
smg-30	1999-11-11	5	.	12	.	0	<a href="#">get it</a>
GP-01	2000-10-09	5	.	13	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1396

31 May 2005 21:15:10

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.08 Radio subsystem link control**

R96 *current version:* 5.10.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	2	.	0	<a href="#">get it</a>
ETSI publication	1997-06-03	5	.	2	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	3	.	0	<a href="#">get it</a>
ETSI publication	1997-08-26	5	.	3	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	1997-12-31	5	.	4	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	5	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	6	.	0	<a href="#">get it</a>
ETSI publication	1998-06-17	5	.	6	.	1	<a href="#">get it</a>
smg-25	1998-03-20	5	.	7	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	5	.	7	.	1	<a href="#">get it</a>
smg-26	1998-06-26	5	.	8	.	0	<a href="#">get it</a>
ETSI publication	1998-12-10	5	.	8	.	1	<a href="#">get it</a>
smg-27	1998-10-16	5	.	9	.	0	<a href="#">get it</a>
ETSI publication	1999-03-09	5	.	9	.	1	<a href="#">get it</a>
GP-01	2000-10-10	5	.	10	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1397

31 May 2005 21:15:10

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.10 Radio subsystem synchronization

R96 *current version:* 5.4.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* MCC: USAI, Paolino

NOKIA MOBILE PHONES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
ETSI publication	1997-06-03	5	.	1	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
draft	1999-03-19	5	.	2	.	1	<a href="#">get it</a>
ETSI publication	1999-08-04	5	.	2	.	2	<a href="#">get it</a>
GP-01	2000-10-10	5	.	3	.	0	<a href="#">get it</a>
GP-02	2000-11-24	5	.	4	.	0	<a href="#">get it</a>
edito	2000-11-30	5	.	4	.	1	<a href="#">get it</a>

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## TR 05.22 Radio link management in hierarchical networks

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han  
*G: yes U:* MCC: USAI, Paolino

T-Mobile International AG

*remarks - general:*

*remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1398

31 May 2005 21:15:10

ACTIVE specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TR 05.50 Background for RF Requirements

R96  
current version: 5.1.1  
freeze\_meeting: smg-22

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release: #20: 5.0.0 #21: 5.1.0 #23: 5.1.1

history (event, available, version, comments, hyperlink):

smg-20 1996-10-11 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0  
smg-23 1997-10-17 5 . 1 . 1

[get it](#)  
[get it](#)  
[get it](#)

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## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): G1 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20 1998-05-28 5 . 0 . 0 No proper source file available

[get it](#)

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R96

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1399

31 May 2005 21:15:10

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.01 Full Rate Speech Processing Functions

R96 current version: 5.1.1  
freeze\_meeting: smg-22

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1997-11-17	5	.	1	.	1	<a href="#">get it</a>

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## TS 06.02 Half Rate Speech Processing Functions

R96 current version: 5.0.1  
freeze\_meeting: smg-22

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general:

remarks - this release: #20: 5.0.0

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1996-11-11	5	.	0	.	1	<a href="#">get it</a>

---

## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

R96 current version: 5.1.1  
freeze\_meeting: smg-22

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general:

remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1

history (event, available, version, comments, hyperlink):

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	1	.	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1400

31 May 2005 21:15:10

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec**

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:* #20: 5.0.0 #22: 5.1.0 #23: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
ETSI Publication	1997-11-17	5	.	2	.	1	<a href="#">get it</a>

---

**TS 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec**

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
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**TS 06.10 Full Rate Speech Transcoding**

R96 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	1	.	0	<a href="#">get it</a>
smg-32	2000-06-20	5	.	2	.	0	<a href="#">get it</a>
ETSI Publication	2001-01-04	5	.	2	.	1	<a href="#">get it</a>
SP-12	2001-06-29	5	.	3	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1401

31 May 2005 21:15:10

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R96 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #20: 5.0.0 #23: 5.0.1

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	0	.	1	<a href="#">get it</a>

---

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R96 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1996-11-11	5	.	0	.	1	<a href="#">get it</a>
SP-12	2001-06-29	5	.	1	.	0	<a href="#">get it</a>

---

## TS 06.20 Half Rate Speech Transcoding

R96 *current version:* 5.1.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #20: 5.0.0 #22: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-20		5	.	0	.	0	
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1997-07-13	5	.	1	.	1	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1402

31 May 2005 21:15:10

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels**

R96 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #20: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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**TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels**

R96 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #20: 5.0.0 #22: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-22 1997-06-13 5 . 1 . 0 [get it](#)

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**TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels**

R96 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #20: 5.0.0 #23: 5.0.1

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
smg-23 1997-10-17 5 . 0 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1403

31 May 2005 21:15:10

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.32 Voice Activity Detection (VAD)**  
R96 *current version:* 5.0.3 *freeze\_meeting:* smg-22  
*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - this release:* #20: 5.0.0 #23: 5.0.2  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	0	.	2	<a href="#">get it</a>
ETSI Publication	1997-11-17	5	.	0	.	3	<a href="#">get it</a>

---

**TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels**  
R96 *current version:* 5.1.1 *freeze\_meeting:* smg-22  
*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - this release:* #20: 5.0.0 #22: 5.0.1 #23: 5.1.0  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	0	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	1	.	0	<a href="#">get it</a>
ETSI Publication	1997-11-17	5	.	1	.	1	<a href="#">get it</a>

---

**TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels**  
R96 *current version:* 5.0.1 *freeze\_meeting:* smg-22  
*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* USAI, Paolino  
*remarks - this release:* #20: 5.0.0 #22: 5.0.1  
*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1404

31 May 2005 21:15:10

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.51 GSM Enhanced full rate speech processing functions: General description**

R96 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0 TSG#10:5.3.0

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5 . 0 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 1 . 1	<a href="#">get it</a>
ETSI publication	1997-03-28	5 . 1 . 2	<a href="#">get it</a>
smg-32	2000-06-20	5 . 2 . 0	<a href="#">get it</a>
ETSI publication		5 . 2 . 1	
SP-10	2000-12-20	5 . 3 . 0	<a href="#">get it</a>

---

**TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**

R96 *current version:* 5.1.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5 . 0 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 1 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 1 . 1	<a href="#">get it</a>
ETSI publication	2000-01-13	5 . 1 . 2	<a href="#">get it</a>
smg-23	1997-10-17	5 . 1 . 3	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1405

31 May 2005 21:15:10

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)**

R96 *current version:* 5.3.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	
smg-22	1997-06-13	5	.	1	.	0	
ETSI publication	1998-02-27	5	.	1	.	1	
smg-32	2000-06-20	5	.	2	.	0	
SP-10	2000-12-20	5	.	3	.	0	

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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**TR 06.55 Performance characterisation of the GSM EFR Speech Codec**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek  
*G: yes U:* MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:* #19: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	
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[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1406

31 May 2005 21:15:11

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	1	.	3	<a href="#">get it</a>
smg-25	1998-03-20	5	.	2	.	0	<a href="#">get it</a>
ETSI Publication	1998-04-20	5	.	2	.	1	<a href="#">get it</a>

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## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2  
*freeze\_meeting:* smg-22

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
ETSI Publication	1996-11-11	5	.	1	.	2	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1407

31 May 2005 21:15:11

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

R96 *current version:* 5.1.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
ETSI publication	1997-03-28	5	.	1	.	2	<a href="#">get it</a>
smg-23	1997-10-17	5	.	1	.	3	<a href="#">get it</a>

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**TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels**

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	2	<a href="#">get it</a>
smg-30	1999-11-11	5	.	2	.	0	<a href="#">get it</a>
ETSI Publication	2000-05-09	5	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1408

31 May 2005 21:15:11

ACTIVE specs R96 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels**

R96 *current version:* 5.0.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #17: 5.0.0 #20: 5.0.2 #22: 5.0.3

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	2	<a href="#">get it</a>
smg-22	1997-06-13	5	.	0	.	3	<a href="#">get it</a>

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**TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #26: 5.0.0

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	5	.	0	.	0	<a href="#">get it</a>
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R96

07 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1409

31 May 2005 21:15:11

ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 *current version:* 5.9.1 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	0	.	1	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	1	<a href="#">get it</a>
smg-19	1996-06-28	5	.	2	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	3	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	4	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	5	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	6	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	7	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	8	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	9	.	0	<a href="#">get it</a>
ETSI Publication	1999-03-12	5	.	9	.	1	<a href="#">get it</a>

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 *current version:* 5.5.1 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	3	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	4	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	5	.	0	<a href="#">get it</a>
ETSI Publication	1998-01-19	5	.	5	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1410

31 May 2005 21:15:11

ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R96 *current version:* 5.4.1 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0

### *history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	0	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	3	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	4	.	0	<a href="#">get it</a>
ETSI Publication	1998-01-19	5	.	4	.	1	<a href="#">get it</a>

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	3	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	4	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1411

31 May 2005 21:15:11

ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* C1 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	1	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	2	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	3	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	4	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	5	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	6	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	7	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	8	.	0	<a href="#">get it</a>
smg-29	1999-06-25	5	.	9	.	0	<a href="#">get it</a>
ETSI Publication	1999-07-25	5	.	9	.	1	<a href="#">get it</a>

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## TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0

### *history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	2	.	0	<a href="#">get it</a>
ETSI Publication	1998-01-19	5	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1412

31 May 2005 21:15:11

ACTIVE specs R96 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS**

R96 *current version:* 5.1.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #24: 5.1.0

*history (event, available, version, comments, hyperlink):*

smg-24 1997-12-19 5 . 1 . 0

[get it](#)

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R96

08 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* Skov THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1413

31 May 2005 21:15:11

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0  
smg-21 1997-02-14 5 . 1 . 0

[get it](#)  
[get it](#)

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## TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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## TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R96 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17 1996-02-02 5 . 0 . 0  
smg-18 1996-04-12 5 . 1 . 0  
smg-25 1998-03-20 5 . 2 . 0  
smg-28 1999-02-12 5 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1414

31 May 2005 21:15:11

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**

R96 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18		5 . 2 . 0	
smg-19		5 . 3 . 0	
smg-20	1996-10-11	5 . 4 . 0	<a href="#">get it</a>
smg-21	1997-02-14	5 . 5 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 6 . 0	<a href="#">get it</a>
smg-23		5 . 7 . 0	
smg-24		5 . 8 . 0	
smg-25		5 . 9 . 0	
smg-28	1998-06-29	5 . 10 . 0	<a href="#">get it</a>
smg-29	1999-06-25	5 . 11 . 0	<a href="#">get it</a>
smg-31b	2000-04-17	5 . 12 . 0	<a href="#">get it</a>

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**TS 08.18 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol**

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA Ltd  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-24	1997-12-19	5 . 0 . 0	withdrawn smg-25	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1415

31 May 2005 21:15:11

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**

R96 *current version:* 5.4.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	2	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	3	.	0	<a href="#">get it</a>
NP-11	2001-04-04	5	.	4	.	0	<a href="#">get it</a>

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**TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects**

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
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**TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles**

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1416

31 May 2005 21:15:11

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits**

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-16 1995-10-20 5 . 0 . 0

[get it](#)

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**TS 08.56 BSC-BTS Layer 2; Specification**

R96  
current version: 5.0.0  
freeze\_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):  
smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1417

31 May 2005 21:15:11

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R96 *current version:* 5.10.0 *WG (prime / other):* G2 / - *rappporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25:  
5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 2 . 0	<a href="#">get it</a>
smg-21	1997-02-14	5 . 3 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 4 . 0	<a href="#">get it</a>
smg-23	1997-10-17	5 . 5 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 6 . 0	<a href="#">get it</a>
smg-25	1998-03-20	5 . 7 . 0	<a href="#">get it</a>
smg-26	1998-06-26	5 . 8 . 0	<a href="#">get it</a>
smg-29	1999-06-25	5 . 9 . 0	<a href="#">get it</a>
smg-30	1999-11-11	5 . 10 . 0	<a href="#">get it</a>

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## TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rappporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 Skov

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5 . 0 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 0 . 1	<a href="#">get it</a>
smg-20	1996-10-11	5 . 0 . 2	<a href="#">get it</a>
smg-22	1997-06-13	5 . 1 . 0	<a href="#">get it</a>
ETSI Publication	1997-07-13	5 . 1 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1418

31 May 2005 21:15:11

ACTIVE specs R96 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R96 *current version:* 5.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)  
ETSI Publication 1996-11-11 5 . 0 . 1 [get it](#)

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R96 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.01 General Network Interworking Scenarios**  
R96 *current version:* 5.0.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1419

31 May 2005 21:15:12

ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

R96 *current version:* 5.19.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* MCC: KYMALAINEN, Kimmo  
*remarks - general:* CN->N4 Apr00 (JMM)CP-27: change of WG as a result of closure of CN and *remarks - this release:*  
T.

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	5	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	5	.	1	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	2	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	3	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	4	.	0	<a href="#">get it</a>
ETSI publication	1997-06-03	5	.	4	.	1	<a href="#">get it</a>
smg-21	1997-02-14	5	.	5	.	0	<a href="#">get it</a>
edito	1997-05-23	5	.	5	.	1	<a href="#">get it</a>
ETSI publication	1997-11-05	5	.	5	.	2	<a href="#">get it</a>
smg-22	1997-06-13	5	.	6	.	0	<a href="#">get it</a>
ETSI publication	1998-02-02	5	.	6	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	7	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	8	.	0	<a href="#">get it</a>
ETSI publication	1998-07-23	5	.	8	.	1	<a href="#">get it</a>
smg-25	1998-03-20	5	.	9	.	0	<a href="#">get it</a>
ETSI publication	1999-03-09	5	.	9	.	1	<a href="#">get it</a>
smg-26	1998-06-26	5	.	10	.	0	<a href="#">get it</a>
ETSI publication	1999-09-05	5	.	10	.	1	<a href="#">get it</a>
smg-27	1998-10-16	5	.	11	.	0	<a href="#">get it</a>
ETSI publication	1999-03-23	5	.	11	.	1	<a href="#">get it</a>
smg-28	1999-02-12	5	.	12	.	0	<a href="#">get it</a>
ETSI publication	1999-08-04	5	.	12	.	1	<a href="#">get it</a>
smg-29	1999-06-25	5	.	13	.	0	<a href="#">get it</a>
ETSI publication	1999-12-29	5	.	13	.	1	<a href="#">get it</a>
NP-05	1999-10-08	5	.	14	.	0	<a href="#">get it</a>
ETSI publication	2000-05-09	5	.	14	.	1	<a href="#">get it</a>
NP-06	1999-12-15	5	.	15	.	0	<a href="#">get it</a>
NP-09	2000-11-13	5	.	16	.	0	<a href="#">get it</a>
NP-15	2002-04-04	5	.	17	.	0	<a href="#">get it</a>
include SDLs	2002-07-22	5	.	17	.	1	<a href="#">get it</a>
NP-19	2003-04-04	5	.	18	.	0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1420

31 May 2005 21:15:12

ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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NP-21 2003-10-09 5 . 19 . 0

[get it](#)

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**TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile**  
R96 *current version: Network (PLMN)* 5.0.0 *WG (prime / other):* C3 /- *rapporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release: #20: 5.0.0*  
T.

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)**  
R96 *current version: 5.0.0* *WG (prime / other):* C3 /- *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release: #20: 5.0.0*  
T.

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 09.05 Interworking between the PLMN and the PSPDN for PAD Access**  
R96 *current version: 5.0.0* *WG (prime / other):* C3 /- *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release: #20: 5.0.0*  
T.

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1421

31 May 2005 21:15:12

ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.06 Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet R96**  
*current version: Switched Data Transmission Services* 5.0.2 *WG (prime / other):* C3 /- *rapporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #19: 5.0.0 #20: 5.0.1

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5 . 0 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 0 . 1	<a href="#">get it</a>
ETSI Publication	1996-11-11	5 . 0 . 2	<a href="#">get it</a>

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**TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone R96**  
*current version: Network (PSTN)* 5.10.1 *WG (prime / other):* C3 /- *rapporteur:* BELLING, Thomas  
SIEMENS AG

*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 0 . 1	<a href="#">get it</a>
smg-18	1996-04-12	5 . 1 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 2 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 2 . 1	<a href="#">get it</a>
smg-21	1997-02-14	5 . 3 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 4 . 0	<a href="#">get it</a>
smg-23	1997-10-17	5 . 5 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 6 . 0	<a href="#">get it</a>
smg-25	1998-03-20	5 . 7 . 0	<a href="#">get it</a>
smg-27	1998-10-16	5 . 8 . 0	<a href="#">get it</a>
smg-28	1999-02-12	5 . 9 . 0	<a href="#">get it</a>
NP-06	1999-12-15	5 . 10 . 0	<a href="#">get it</a>
ETSI Publication	2000-07-05	5 . 10 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1422

31 May 2005 21:15:12

ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface**  
R96 *current version: 5.1.0* *WG (prime / other): C1 / -* *rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated*  
*freeze\_meeting: smg-22*  
G: yes U: *MCC: JURISIC, Andrijana*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T.* *remarks - this release: #20: 5.0.0 #21: 5.1.0*

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	1	.	0	<a href="#">get it</a>

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**TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**  
R96 *current version: Procedures and the Mobile Application Part (MAP)* *5.2.0WG (prime / other): C4 / -* *rapporteur: KYMALAINEN, Kimmo*  
TeliaSonera AB  
*freeze\_meeting: smg-22* G: yes U: *MCC: KYMALAINEN, Kimmo*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T.* *remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0*

*history (event, available, version, comments, hyperlink):*

smg-17	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>

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**TS 09.11 Signalling Interworking for Supplementary Services**  
R96 *current version: 5.1.0* *WG (prime / other): C4 / -* *rapporteur: WIEHE, Ulrich* Gesellschaft für Kommunikations Software  
*freeze\_meeting: smg-22* G: yes U: *MCC: KYMALAINEN, Kimmo*  
*remarks - general: CP-27: change of WG as a result of closure of CN and T.* *remarks - this release: #18: 5.0.0 #19: 5.1.0*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1423

31 May 2005 21:15:12

ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.78 CAMEL Application Part phase 2 (stage 3)**  
R96 *current version:* 5.7.0 *WG (prime / other):* C4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-24: txferred to N4 on closure of N2.CP-27: change of WG as a result of *remarks - this release:*  
closure of CN and T.

*history (event, available, version, comments, hyperlink):*

smg-21	2000-02-14	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	3	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	4	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	5	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	6	.	0	<a href="#">get it</a>
smg-29	1999-06-25	5	.	7	.	0	<a href="#">get it</a>

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**TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)**  
R96 *current version:* 5.1.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-17?	1996-02-02	5	.	0	.	0	<a href="#">get it</a>
smg-22	2001-01-02	5	.	1	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1424

31 May 2005 21:15:12

ACTIVE specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
R96 *current version:* 5.1.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-21 G: yes U: *MCC:* Skov JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	withdrawn SMG-30; reinstated NP-16	<a href="#">get it</a>
NP-16	2002-06-26	5	.	1	.	0		<a href="#">get it</a>
edito post NP-18	2002-12-16	5	.	1	.	1	minor editorials to change style from TS to TR.	<a href="#">get it</a>

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R96 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TS 10.00 Digital Cellular Telecommunication System Feature Description**  
R96 *current version:* 5.2.1 *WG (prime / other):* S2 / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* Jun00: version we have is actually 5.1.2 !

*history (event, available, version, comments, hyperlink):*

smg-19		5	.	0	.	0		
smg-19		5	.	1	.	0		
edito		5	.	1	.	2		
smg-20		5	.	2	.	0		
Editorial correction	1996-11-11	5	.	2	.	1		<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1425

31 May 2005 21:15:12

ACTIVE specs R96 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+**

R96 *current version:* 5.1.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0

*history (event, available, version, comments, hyperlink):*

smg-21	1997-02-14	1	.	0	.	0	<a href="#">get it</a>
smg-25	1998-03-20	1	.	1	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	0	.	0	<a href="#">get it</a>
smg-28	1999-02-12	5	.	1	.	0	<a href="#">get it</a>

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**TR 10.14 System overview for 14.4 kbit/s Work Item**

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* still alive? June-2001:no. So no propagation to later releases. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-22	1997-06-18	1	.	0	.	0	<a href="#">get it</a>
smg-22	1997-07-23	1	.	0	.	1	<a href="#">get it</a>
smg-22		2	.	0	.	0	
smg-22		5	.	0	.	0	

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**TR 10.20 Lawful Interception requirements for GSM**

R96 *current version:* 5.0.1 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* Replaced by 01.33. *remarks - this release:* SMG#20:5.0.0

*history (event, available, version, comments, hyperlink):*

smg-20	1996-10-11	5	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-01-20	5	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1426

31 May 2005 21:15:12

ACTIVE specs R96 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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R96 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

R96 *current version:* 5.12.2 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22 NP /  
T2 /  
SCP

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5. *remarks - this release:* #31bis: closed (R99 version serves all releases)

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5 . 0 . 0	<a href="#">get it</a>
smg-21	1997-02-14	5 . 1 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 2 . 0	<a href="#">get it</a>
smg-23	1997-10-17	5 . 3 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 4 . 0	<a href="#">get it</a>
smg-25	1998-03-20	5 . 5 . 0	<a href="#">get it</a>
smg-26	1998-06-06	5 . 6 . 0	<a href="#">get it</a>
smg-27	1998-10-16	5 . 7 . 0	<a href="#">get it</a>
smg-28	1999-02-12	5 . 8 . 0	<a href="#">get it</a>
smg-29	1999-06-25	5 . 9 . 0	<a href="#">get it</a>
smg-30	1999-11-11	5 . 10 . 0	<a href="#">get it</a>
smg-31	2000-02-16	5 . 11 . 0	<a href="#">get it</a>
Editorial correction	2000-02-16	5 . 11 . 1	<a href="#">get it</a>
GP-06	2001-09-06	5 . 12 . 0	<a href="#">get it</a>
Editorial correction	2002-08-01	5 . 12 . 1	<a href="#">get it</a>
Editorial correction	2002-08-02	5 . 12 . 2	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1427

31 May 2005 21:15:12

ACTIVE specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

R96 *current version:* 5.1.0 *WG (prime / other):* G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22 NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* #32:closed GP-06: Rel-4 serves all releases. But this version still exists!

*history (event, available, version, comments, hyperlink):*

smg-30	1999-11-11	5 . 0 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 0 . 0	<a href="#">get it</a>
ETSI publication	2000-06-23	5 . 0 . 1	<a href="#">get it</a>
GP-06	2001-09-06	5 . 1 . 0	<a href="#">get it</a>

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**TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification**

R96 *current version:* 5.6.0 *WG (prime / other):* C6 / G2, rapporteur: LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* smg-22 G3new

G: yes U: MCC: LENHART, Gabriele

*remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* GP-13: doc becomes pointer to latest Rel version.

*history (event, available, version, comments, hyperlink):*

smg-30	1999-11-11	5 . 0 . 0	<a href="#">get it</a>
smg-31	2000-02-16	5 . 1 . 0	<a href="#">get it</a>
editorial	2000-09-15	5 . 1 . 1	<a href="#">get it</a>
GP-02	2000-11-30	5 . 2 . 0	<a href="#">get it</a>
GP-04	2001-03-29	5 . 3 . 0	<a href="#">get it</a>
GP-04	2001-04-11	5 . 3 . 0	<a href="#">get it</a>
GP-06	2001-08-31	5 . 4 . 0	<a href="#">get it</a>
GP-07	2002-01-09	5 . 5 . 0	<a href="#">get it</a>
GP-13	2003-02-21	5 . 6 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1428

31 May 2005 21:15:12

ACTIVE specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96 *current version:* 5.10.1 *WG (prime / other):* C6 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	5 . 0 . 0	<a href="#">get it</a>
smg-17	1996-02-02	5 . 1 . 0	<a href="#">get it</a>
smg-18	1996-04-12	5 . 2 . 0	<a href="#">get it</a>
smg-19	1996-06-28	5 . 3 . 0	<a href="#">get it</a>
smg-20	1996-10-11	5 . 4 . 0	<a href="#">get it</a>
smg-21	1997-02-14	5 . 5 . 0	<a href="#">get it</a>
smg-22	1997-06-13	5 . 6 . 0	<a href="#">get it</a>
smg-23	1997-10-17	5 . 7 . 0	<a href="#">get it</a>
smg-24	1997-12-19	5 . 8 . 0	<a href="#">get it</a>
smg-25	1998-03-20	5 . 9 . 0	<a href="#">get it</a>
smg-26	1998-06-26	5 . 10 . 0	<a href="#">get it</a>
Editorial correction	1998-06-26	5 . 10 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1429

31 May 2005 21:15:12

ACTIVE specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**  
R96 *current version:* 5.9.0 *WG (prime / other):* C6 / - *rapporteur:* DUBOIS, Christophe Axalto S.A.  
*freeze\_meeting:* smg-27 *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	5	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	5	.	1	.	0	<a href="#">get it</a>
smg-20	1996-10-11	5	.	2	.	0	<a href="#">get it</a>
smg-21	1997-02-14	5	.	3	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	4	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	5	.	0	<a href="#">get it</a>
smg-24	1997-12-19	5	.	6	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	7	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	8	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	9	.	0	<a href="#">get it</a>

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**TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters**  
R96 *current version:* 5.2.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

<to be defined>		5	.	0	.	0	
smg-25	1998-03-20	5	.	1	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	2	.	0	<a href="#">get it</a>
Editorial correction	1998-06-26	5	.	2	.	1	<a href="#">get it</a>

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R96 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1430

31 May 2005 21:15:13

ACTIVE specs R96 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration**

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-22 1997-06-13 5 . 0 . 0 [get it](#)  
Editorial correction 1997-07-13 5 . 0 . 1 [get it](#)

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**TS 12.05 Subscriber Related Call and Event Data**

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 5 . 0 . 0 [get it](#)  
Editorial correction 1997-10-17 5 . 0 . 1 [get it](#)

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**TS 12.08 Subscriber and Equipment trace**

R96 *current version:* 5.1.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 5 . 0 . 0 [get it](#)  
smg-25 1998-03-20 5 . 1 . 0 [get it](#)  
Editorial correction 1998-03-20 5 . 1 . 1 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1431

31 May 2005 21:15:13

ACTIVE specs R96 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.21 Network Management (NM) procedures and messages on the A-bis interface**

R96 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SP-13: S5->G3 but no change of rapporteur. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-21 1997-02-14 5 . 0 . 0 [get it](#)

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## Ph2

Ph2 **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system**

Ph2 *current version:* 4.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater *remarks - this release:*  
for backwards extension to earlier releases.

*history (event, available, version, comments, hyperlink):*

SP-20 2003-06-25 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1432

31 May 2005 21:15:13

ACTIVE specs Ph2 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

Ph2 *current version:* 4.0.2 *WG (prime / other):* S1 / GP / NP / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-11b  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
smg-08	1993-10-01	4	.	0	.	2	<a href="#">get it</a>

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## TR 01.04 Abbreviations and acronyms

Ph2 *current version:* 4.1.2 *WG (prime / other):* GP / - / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-11b  
*G:* yes *U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-08	1993-10-01	4	.	0	.	1	<a href="#">get it</a>
smg-09	1994-01-21	4	.	0	.	3	<a href="#">get it</a>
smg-10	1994-04-15	4	.	0	.	4	<a href="#">get it</a>
smg-11	1994-07-01	4	.	1	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	1	.	1	<a href="#">get it</a>
smg-14	1994-04-07	4	.	1	.	2	<a href="#">get it</a>

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Ph2 **02** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1433

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**

Ph2 *current version:* 4.6.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 2 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 3 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 4 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 4 . 1	<a href="#">get it</a>
smg-12	1994-10-07	4 . 5 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 6 . 0	<a href="#">get it</a>

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**TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)**

Ph2 *current version:* 4.2.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 1 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
PT12 final draft	1994-05-09	4 . 2 . 1	<a href="#">get it</a>
ETSI publication	1998-06-10	4 . 2 . 2	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1434

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph2 *current version:* 4.3.1 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 2 . 2	<a href="#">get it</a>
smg-11	1994-07-01	4 . 3 . 0	<a href="#">get it</a>
ETSI publication	1996-01-19	4 . 3 . 1	<a href="#">get it</a>

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## TS 02.04 General on Supplementary Services

Ph2 *current version:* 4.9.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 5 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 6 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 7 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 8 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 9 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 9 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1435

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.06 Types of Mobile Stations (MS)

Ph2 *current version:* 4.5.2  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 1 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 3 . 0	<a href="#">get it</a>
smg-16	1995-07-07	4 . 4 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 5 . 0	<a href="#">get it</a>
ETSI OAP	1997-07-21	4 . 5 . 1	<a href="#">get it</a>
ETSI publication	1998-01-14	4 . 5 . 2	<a href="#">get it</a>

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## TS 02.07 Mobile Station (MS) Features

Ph2 *current version:* 4.8.2  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 4 . 2	<a href="#">get it</a>
smg-10	1994-04-15	4 . 5 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 6 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 7 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 8 . 0	<a href="#">get it</a>
ETSI OAP	1997-07-21	4 . 8 . 1	<a href="#">get it</a>
ETSI publication	1998-01-14	4 . 8 . 2	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

31 May 2005 21:15:13

Page 1436

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.09 Security aspects**  
Ph2 *current version:* 4.5.1 *freeze\_meeting:* smg-11b  
*WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Per TeliaSonera AB

*G:* yes *U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	1	<a href="#">get it</a>
smg-12	1994-10-07	4	.	3	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	4	.	0	<a href="#">get it</a>
ETSI publication	1998-01-14	4	.	4	.	1	<a href="#">get it</a>
smg-31	2000-02-16	4	.	5	.	0	<a href="#">get it</a>
ETSI publication	2000-08-29	4	.	5	.	1	<a href="#">get it</a>

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**TS 02.11 Service accessibility**  
Ph2 *current version:* 4.9.0 *freeze\_meeting:* smg-11b  
*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA

*G:* yes *U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	5	.	1	<a href="#">get it</a>
smg-10	1994-04-15	4	.	6	.	0	<a href="#">get it</a>
ETSI OAP	1995-08-21	4	.	7	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	8	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	9	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1437

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.16 International Mobile Station Equipment Identities (IMEI)

Ph2 *current version:* 4.7.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	3	.	1	<a href="#">get it</a>
smg-12	1994-10-07	4	.	4	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	5	.	0	<a href="#">get it</a>
smg-30	1999-11-11	4	.	6	.	0	<a href="#">get it</a>
ETSI publication	2000-07-07	4	.	6	.	1	<a href="#">get it</a>
smg-08	1993-10-01	4	.	7	.	0	<a href="#">get it</a>
ETSI publication	2000-11-28	4	.	7	.	1	<a href="#">get it</a>

---

## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

Ph2 *current version:* 4.3.3  
*freeze\_meeting:* smg-11b

*WG (prime / other):* C6 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

..	2001-08-30	4	.	0	.	0	<a href="#">get it</a>
smg-02	2001-08-30	4	.	1	.	0	167/92 <a href="#">get it</a>
smg-05	1993-06-25	4	.	2	.	0	98/93 <a href="#">get it</a>
..	2001-08-30	4	.	2	.	1	<a href="#">get it</a>
smg-08		4	.	3	.	0	<a href="#">get it</a>
..	1993-10-01	4	.	3	.	1	<a href="#">get it</a>
ETSI PE	1993-11-01	4	.	3	.	2	<a href="#">get it</a>
ETSI publication	1994-09-13	4	.	3	.	3	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1438

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.24 Description of Charge Advice Information (CAI)**

Ph2  
current version: 4.5.0  
freeze\_meeting: smg-11b

WG (prime / other): S1 / rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 1 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 2 . 1	<a href="#">get it</a>
smg-10	1994-04-15	4 . 3 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 4 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 5 . 0	<a href="#">get it</a>

---

**TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)**

Ph2  
current version: 4.13.0  
freeze\_meeting: smg-11b

WG (prime / other): S1 / rapporteur: JEAL, David VODAFONE Group Plc  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 9 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 10 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 11 . 0	<a href="#">get it</a>
smg-12	1995-10-07	4 . 12 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 13 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1439

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
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## TS 02.40 Procedures for Call Progress Indications

Ph2  
current version: 4.5.0  
freeze\_meeting: smg-11b

WG (prime / other): S1 / NP rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 2 . 1	<a href="#">get it</a>
smg-09	1994-01-21	4 . 3 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 4 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 5 . 0	<a href="#">get it</a>

---

## TS 02.41 Operator Determined Barring

Ph2  
current version: 4.5.2  
freeze\_meeting: smg-11b

WG (prime / other): S1 / rapporteur: WATSON, John VODAFONE Group Plc  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 4 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 5 . 0	<a href="#">get it</a>
ETSI PE	1993-10-11	4 . 5 . 1	<a href="#">get it</a>
ETSI publication	1994-09-13	4 . 5 . 2	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1440

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.81 Line Identification Supplementary Services; Stage 1

Ph2  
*current version:* 4.6.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola Indicate persons who left Company and wait for new One

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	3	.	1	<a href="#">get it</a>
smg-10	1994-04-15	4	.	4	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	4	.	1	<a href="#">get it</a>
smg-12	1994-10-07	4	.	5	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	5	.	1	<a href="#">get it</a>
smg-24	1997-12-19	4	.	6	.	0	<a href="#">get it</a>
ETSI publication	1998-06-17	4	.	6	.	1	<a href="#">get it</a>

---

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2  
*current version:* 4.5.2  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #7: 4.4.2 #10: 4.5.0 #16: 4.5.2

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	4	.	2	<a href="#">get it</a>
smg-10	1994-04-15	4	.	5	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	5	.	2	<a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1441

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2 current version: 4.6.7 WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
freeze\_meeting: smg-11b G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	6	.	3	<a href="#">get it</a>
smg-10	1994-04-15	4	.	6	.	5	<a href="#">get it</a>
smg-16	1995-10-20	4	.	6	.	7	<a href="#">get it</a>

---

## TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

Ph2 current version: 4.4.7 WG (prime / other): S1 / - rapporteur: SWETINA, Joerg SIEMENS AG  
freeze\_meeting: smg-11b G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	4	.	2	<a href="#">get it</a>
smg-11	1994-07-01	4	.	4	.	5	<a href="#">get it</a>
smg-16	1995-10-20	4	.	4	.	7	<a href="#">get it</a>

---

## TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

Ph2 current version: 4.2.6 WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola Indicate persons who left Company and wait for new One  
freeze\_meeting: smg-11b G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #7: 4.2.2 #16: 4.2.6

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	2	.	2	<a href="#">get it</a>
smg-16	1995-10-20	4	.	2	.	6	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1442

31 May 2005 21:15:13

ACTIVE specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1**

Ph2  
current version: 4.1.5  
freeze\_meeting: smg-11b

WG (prime / other): S1 / - rapporteur: DEOL, Amar Nortel Networks (USA)  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #7: 4.1.1 #16: 4.1.5

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 1  
smg-16 1993-10-01 4 . 1 . 5

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**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**

Ph2  
current version: 4.4.3  
freeze\_meeting: smg-11b

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes T-Mobile International AG  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 3 . 0  
smg-08 1993-10-01 4 . 4 . 0  
smg-16 1995-01-27 4 . 4 . 3

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**TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1**

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b

WG (prime / other): S1 / - rapporteur: IGNATIUS, Jan NOKIA Corporation  
G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #8: 4.0.1 #21: 4.1.0

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 1  
smg-21 1997-02-14 4 . 1 . 0  
ETSI publication 1997-09-15 4 . 1 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1443

31 May 2005 21:15:13

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Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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Ph2 **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.01 Network Functions**

Ph2 *current version:* 4.0.4  
*freeze\_meeting:* smg-11b  
*remarks - general:* SMG3->SA2 @ TSG#7

*WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*G: yes U:* *MCC:* POPE, Maurice  
*remarks - this release:* #7: 4.0.1

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
ETSI Publication	1993-07-25	4	.	0	.	4	<a href="#">get it</a>

---

**TS 03.02 Network Architecture**

Ph2 *current version:* 4.2.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S2 / NP / T2 *rapporteur:* MILINSKI, AlexanderSIEMENS AG  
*G: yes U:* *MCC:* POPE, Maurice  
*remarks - this release:* #7: 4.0.1 #17: 4.1.0 #18: 4.2.1

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
smg-17	1996-02-02	4	.	1	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1444

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.03 Numbering, Addressing and Identification

Ph2 *current version:* 4.11.1 *WG (prime / other):* C4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	5	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	6	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	8	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	9	.	0	<a href="#">get it</a>
NP-07	2000-03-17	4	.	10	.	0	<a href="#">get it</a>
NP-08	2000-06-23	4	.	11	.	0	<a href="#">get it</a>
Editorial	2001-01-04	4	.	11	.	1	<a href="#">get it</a>

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## TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

Ph2 *current version:* 4.0.4 *WG (prime / other):* C4 / SPAN / T2 *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.0.1

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
Publication	1996-01-19	4	.	0	.	4	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1445

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
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## TR 03.05 Technical performance objectives

Ph2 *current version:* 4.1.0 *WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.0.0 #19:4.1.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	1	.	0	<a href="#">get it</a>

---

## TS 03.07 Restoration Procedures

Ph2 *current version:* 4.3.1 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* Chalmers  
KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	3	.	0	<a href="#">get it</a>
Publication	1996-01-19	4	.	3	.	1	<a href="#">get it</a>

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## TS 03.08 Organization of Subscriber Data

Ph2 *current version:* 4.8.0 *WG (prime / other):* C4 / - *rapporteur:*  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	5	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	5	.	1	<a href="#">get it</a>
smg-09	1994-01-21	4	.	6	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	7	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	8	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1446

31 May 2005 21:15:14

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**TS 03.09 Handover Procedures**  
Ph2 *current version:* 4.6.0 *freeze\_meeting:* smg-11b  
*WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*G:* yes *U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	1	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	2	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	2	.	1	<a href="#">get it</a>
smg-10	1994-04-15	4	.	3	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	4	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	5	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	6	.	0	<a href="#">get it</a>

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**TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types**  
Ph2 *current version:* 4.3.1 *freeze\_meeting:* smg-11b  
*WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	1	<a href="#">get it</a>
smg-08	1993-10-01	4	.	3	.	0	<a href="#">get it</a>
Publication	1994-09-13	4	.	3	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1447

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07		4 . 4 . 0	
ETSI public enquiry	2002-10-24	4 . 4 . 1	<a href="#">get it</a>
smg-09		4 . 5 . 0	
smg-10		4 . 6 . 0	
smg-11		4 . 7 . 0	
smg-12	2002-10-24	4 . 8 . 0	ETSI vote version <a href="#">get it</a>
ETSI publication	2002-10-24	4 . 8 . 1	<a href="#">get it</a>
smg-14	2002-10-24	4 . 9 . 0	ETSI oap version <a href="#">get it</a>
ETSI publication	2002-10-24	4 . 9 . 1	<a href="#">get it</a>
ETSI public enquiry		4 . 10 . 0	
smg-18	1996-04-12	4 . 10 . 1	<a href="#">get it</a>

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## TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.3.0 #8: 4.4.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 4 . 0	<a href="#">get it</a>
Publication	1994-09-13	4 . 4 . 2	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1448

31 May 2005 21:15:14

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2  
current version: 4.0.4  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: USAI, Paolino  
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release: #7: 4.0.1

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 1  
Publication 1994-09-13 4 . 0 . 4

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph2  
current version: 4.1.1  
freeze\_meeting: smg-11b

WG (prime / other): C1 / - rapporteur: ZAUS, Robert  
G: yes U: MCC: JURISIC, Andrijana

SIEMENS AG

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #7: 4.0.0 #10: 4.1.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
smg-10 1994-04-15 4 . 1 . 0  
Publication 1994-09-13 4 . 1 . 1

[get it](#)

[get it](#)

[get it](#)

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## TS 03.15 Technical Realization of Operator Determined Barring

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

WG (prime / other): C4 / - rapporteur: RUSSELL, Nick  
G: yes U: MCC: KYMALAINEN, Kimmo

VODAFONE LTD

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #7: 4.2.0 #10: 4.3.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-10 1994-04-15 4 . 3 . 0  
Publication 1994-09-13 4 . 3 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1449

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.16 Subscriber Data Management

Ph2 *current version:* 4.2.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #14: 4.1.0 #16: 4.1.1 #18: 4.2.1

*history (event, available, version, comments, hyperlink):*

smg-14	1995-04-07	4	.	1	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	1	.	1	<a href="#">get it</a>
smg-18	1996-04-12	4	.	2	.	1	<a href="#">get it</a>

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## TS 03.20 Security-related network functions

Ph2 *current version:* 4.4.1 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	1	<a href="#">get it</a>
smg-10	1994-04-15	4	.	3	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	3	.	2	<a href="#">get it</a>
smg-21	1997-02-14	4	.	4	.	0	<a href="#">get it</a>
Publication	1997-08-26	4	.	4	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1450

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.22**    **Functions related to Mobile Station (MS) in idle mode and group receive mode**  
Ph2    *current version:* 4.11.0    *WG (prime / other):* G1 / N1    *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b    *G: yes*    *U:*    *MCC:* Skov  
USAI, Paolino  
*remarks - general:*    Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows    *remarks - this release:*  
"and group receive mode".

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	4	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	5	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	6	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	7	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	8	.	0	<a href="#">get it</a>
smg-14	1995-04-07	4	.	9	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	10	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	11	.	0	<a href="#">get it</a>

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**TR 03.26**    **Multiband operation of GSM/DCS 1800 by a single operator**  
Ph2    *current version:* 4.3.0    *WG (prime / other):* G1 / NP    *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b    *G: yes*    *U:*    *MCC:* Skov  
USAI, Paolino  
*remarks - general:*    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	4	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	2	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1451

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.30 Radio Network Planning Aspects

Ph2 *current version:* 4.3.0  
*freeze\_meeting:* smg-11b

*WG (prime / other):* GP / - *rapporteur:* TEGTH, Ulf TeliaSonera AB  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #7: 4.2.0 #9: 4.2.1 #13: 4.3.0

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 2 . 0  
smg-09 1994-01-21 4 . 2 . 1  
smg-13 1995-01-27 4 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

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## TS 03.38 Alphabets and language-specific information

Ph2 *current version:* 4.0.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062.

*remarks - this release:* #10: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-10 4 . 0 . 0  
Publication 1994-09-13 4 . 0 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1452

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.40 Technical realization of the Short Message Service (SMS)

Ph2 *current version:* 4.13.0 *WG (prime / other):* C1 / - *rapporteur:* ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07		4	.	6	.	0	
smg-08	2004-04-27	4	.	7	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	8	.	1	<a href="#">get it</a>
smg-11	2004-04-27	4	.	9	.	0	<a href="#">get it</a>
ETSI publication	1997-08-05	4	.	9	.	1	<a href="#">get it</a>
post smg-11							
ETSI publication	2004-04-27	4	.	10	.	0	Published as ETS amendment A1 <a href="#">get it</a>
smg-15	1995-07-07	4	.	11	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	12	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	13	.	0	<a href="#">get it</a>

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## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	4	.	1	<a href="#">get it</a>
smg-08	1993-10-01	4	.	5	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	6	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	7	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	8	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	9	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	10	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	11	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1453

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.43 Support of Videotex**  
Ph2 *current version:* 4.1.2 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	1	.	1	<a href="#">get it</a>
Editorial	1996-01-19	4	.	1	.	2	<a href="#">get it</a>

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**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
Ph2 *current version:* 4.0.1 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
Editorial	1998-07-30	4	.	0	.	1	<a href="#">get it</a>

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**TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent**  
Ph2 *current version:* 4.5.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	1	<a href="#">get it</a>
smg-08	1993-10-01	4	.	3	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	3	.	1	<a href="#">get it</a>
smg-10	1994-04-15	4	.	4	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	4	.	1	<a href="#">get it</a>
smg-14	1995-04-07	4	.	5	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1454

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph2 *current version:* 4.1.2 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 0 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 0 . 2	<a href="#">get it</a>
smg-11	1994-07-01	4 . 1 . 0	<a href="#">get it</a>
Publication	1996-01-19	4 . 1 . 2	<a href="#">get it</a>

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

Ph2 *current version:* 4.4.0 *WG (prime / other):* C4 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 1 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 2 . 1	<a href="#">get it</a>
smg-18	1996-04-12	4 . 4 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1455

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

Ph2 *current version:* 4.6.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 1 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 3 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 4 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 5 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 6 . 0	<a href="#">get it</a>

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## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

Ph2 *current version:* 4.6.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0

### *history (event, available, version, comments, hyperlink):*

smg-08	1993-10-01	4 . 0 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 1 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 2 . 0	<a href="#">get it</a>
smg-24	1997-12-19	4 . 3 . 0	<a href="#">get it</a>
smg-25	1998-03-20	4 . 4 . 0	<a href="#">get it</a>
smg-27	1998-10-16	4 . 5 . 0	<a href="#">get it</a>
smg-28	1999-02-12	4 . 6 . 0	<a href="#">get it</a>
Editorial	1999-03-12	4 . 6 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1456

31 May 2005 21:15:14

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

Ph2 *current version:* 4.0.3 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #7: 4.0.0 #8: 4.0.1  
T.

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	0	.	1	<a href="#">get it</a>
Publication	1996-01-19	4	.	0	.	3	<a href="#">get it</a>

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## TS 03.81 Line Identification Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26: 4.8.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	1	.	0	<a href="#">get it</a>
smg-09	1993-10-01	4	.	2	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	3	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	4	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	5	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	6	.	0	<a href="#">get it</a>
smg-24	1997-12-19	4	.	7	.	0	<a href="#">get it</a>
smg-26	1998-06-26	4	.	8	.	0	<a href="#">get it</a>
Editorial	1998-07-26	4	.	8	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1457

31 May 2005 21:15:15

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 5 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 5 . 1	<a href="#">get it</a>
smg-10	1994-04-15	4 . 6 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 7 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 8 . 0	<a href="#">get it</a>
Editorial	1996-05-12	4 . 8 . 1	<a href="#">get it</a>

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## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.3.0 #11: 4.3.2 #12: 4.4.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 3 . 2	<a href="#">get it</a>
smg-12	1994-10-07	4 . 4 . 0	<a href="#">get it</a>
Editorial	1994-11-07	4 . 4 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1458

31 May 2005 21:15:15

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.84 Multi Party (MPTY) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	1	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	2	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	3	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	4	.	0	<a href="#">get it</a>
Editorial	1994-11-07	4	.	4	.	1	<a href="#">get it</a>

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## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 *current version:* 4.2.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	1	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	2	.	0	<a href="#">get it</a>
Editorial	1995-02-27	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1459

31 May 2005 21:15:15

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2 *current version:* 4.6.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 1 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 3 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 4 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 5 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 6 . 0	<a href="#">get it</a>
Editorial	1994-11-07	4 . 6 . 1	<a href="#">get it</a>

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2 *current version:* 4.6.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.4.0 #10: 4.5.0 #12: 4.6.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 5 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 6 . 0	<a href="#">get it</a>
Editorial	1994-11-07	4 . 6 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1460

31 May 2005 21:15:15

ACTIVE specs Ph2 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* C4 / - *rapporteur:* GAY, Emmanuel ORANGE SA  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #8: 4.0.0 #15: 4.1.0

*history (event, available, version, comments, hyperlink):*

smg-08	1993-10-01	4	.	0	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	1	.	0	<a href="#">get it</a>
Editorial	1995-08-07	4	.	1	.	1	<a href="#">get it</a>

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Ph2 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph2 *current version:* 4.0.4 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* Skov JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.0.1

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
ETSI publication	1996-01-19	4	.	0	.	4	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1461

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**

Ph2 *current version:* 4.0.4 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov  
G: yes U: *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.0.1

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
ETSI publication	1996-01-19	4	.	0	.	4	<a href="#">get it</a>

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**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**

Ph2 *current version:* 4.1.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov  
G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
smg-10	1994-04-15	4	.	1	.	0	<a href="#">get it</a>
Editorial	1994-05-15	4	.	1	.	1	<a href="#">get it</a>

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**TS 04.04 Layer 1 - General Requirements**

Ph2 *current version:* 4.0.4 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* smg-11b G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	1	<a href="#">get it</a>
ETSI publication	1994-09-13	4	.	0	.	4	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1462

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.05 Data Link (DL) Layer General Aspects**

Ph2  
current version: 4.0.3  
freeze\_meeting: smg-11b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 0 . 0  
ETSI publication 1994-09-13 4 . 0 . 3

[get it](#)  
[get it](#)

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**TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

Ph2  
current version: 4.4.0  
freeze\_meeting: smg-11b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 2 . 0  
smg-08 1993-10-01 4 . 3 . 0  
smg-11 1994-07-01 4 . 4 . 0

[get it](#)  
[get it](#)  
[get it](#)

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**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

Ph2  
current version: 4.3.1  
freeze\_meeting: smg-11b

WG (prime / other): C1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 1 . 1  
smg-10 1994-04-15 4 . 2 . 0  
smg-12 1994-10-07 4 . 3 . 0  
ETSI Publication 1997-11-07 4 . 3 . 1

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[get it](#)  
[get it](#)  
[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1463

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.08 Mobile radio interface layer 3 specification

Ph2 *current version:* 4.25.0 *WG (prime / other):* C1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert *remarks - this release:*  
Thomassen (even numbered CRs!)CP-27: change of WG as a result of closure  
of CN and T.

### *history (event, available, version, comments, hyperlink):*

smg-07		4 . 5 . 0	
smg-08		4 . 6 . 0	
smg-09		4 . 7 . 0	
smg-10		4 . 8 . 0	
smg-11		4 . 9 . 0	
smg-12		4 . 10 . 0	
smg-14	1995-04-07	4 . 11 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 12 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 13 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 14 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 15 . 0	<a href="#">get it</a>
smg-19	1996-06-28	4 . 16 . 0	<a href="#">get it</a>
ETSI publication	1997-01-09	4 . 16 . 1	<a href="#">get it</a>
smg-20	1996-10-11	4 . 17 . 0	<a href="#">get it</a>
ETSI publication	1997-05-12	4 . 17 . 1	<a href="#">get it</a>
smg-21	1997-02-14	4 . 18 . 0	<a href="#">get it</a>
ETSI PE	1997-08-15	4 . 19 . 1	<a href="#">get it</a>
ETSI publication	1997-12-31	4 . 19 . 2	<a href="#">get it</a>
smg-23	1997-10-17	4 . 20 . 1	<a href="#">get it</a>
smg-24	1997-12-19	4 . 21 . 0	<a href="#">get it</a>
ETSI publication	1998-06-26	4 . 21 . 1	<a href="#">get it</a>
smg-25	1998-03-20	4 . 22 . 0	<a href="#">get it</a>
ETSI publication	1998-10-23	4 . 22 . 1	<a href="#">get it</a>
smg-28	1999-02-12	4 . 23 . 0	<a href="#">get it</a>
ETSI publication	1999-10-05	4 . 23 . 1	<a href="#">get it</a>
NP-18	2003-01-02	4 . 24 . 0	<a href="#">get it</a>
GP-15	2003-07-10	4 . 25 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1464

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, RAMACHANDRAN, QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 5 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 6 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 7 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 8 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 9 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 10 . 0	<a href="#">get it</a>
Editorial	1996-03-02	4 . 10 . 1	<a href="#">get it</a>

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 *current version:* 4.11.0 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 4 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 5 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 6 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 7 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 8 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 9 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 10 . 0	<a href="#">get it</a>
NP-09	2000-10-04	4 . 11 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1465

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	1	.	1	<a href="#">get it</a>
smg-10	1994-04-15	4	.	2	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	3	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	4	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	6	.	0	<a href="#">get it</a>

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## TS 04.13 Performance Requirements on Mobile Radio Interface

Ph2 *current version:* 4.2.0 *WG (prime / other):* C1 / - *rapporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* smg-11b G: yes U: MCC: JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0

*history (event, available, version, comments, hyperlink):*

smg-10	1994-04-15	4	.	0	.	0	<a href="#">get it</a>
smg-14	1995-04-07	4	.	0	.	2	<a href="#">get it</a>
smg-15	1995-07-07	4	.	1	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1466

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface**

Ph2 *current version:* 4.6.1 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation

*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published version of ETS replacing OAP version

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 2 . 1 [get it](#)

smg-08 1993-10-01 4 . 3 . 0 [get it](#)

smg-11 1994-07-01 4 . 4 . 0 [get it](#)

smg-13 1995-01-27 4 . 5 . 0 [get it](#)

smg-14 1995-04-07 4 . 6 . 0 [get it](#)

published version 2000-03-02 4 . 6 . 1 [get it](#)

of ETS replacing  
OAP v

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**TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services**

Ph2 *current version:* **Switching Centre (BSS - MSC) interface** 4.5.1 *WG (prime / other):* C3 / - *rapporteur:* KLEHN, Norbert

SIEMENS AG

*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 2 . 2 [get it](#)

smg-08 1993-10-01 4 . 3 . 0 [get it](#)

smg-13 1995-01-27 4 . 4 . 0 [get it](#)

smg-25 1998-03-20 4 . 5 . 0 [get it](#)

Editorial 1998-04-20 4 . 5 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1467

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph2 *current version:* 4.11.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	7	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	9	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	10	.	0	<a href="#">get it</a>
ETSI publication	1996-08-23	4	.	10	.	1	<a href="#">get it</a>
smg-17	1996-02-02	4	.	11	.	0	<a href="#">get it</a>
ETSI publication	1996-08-23	4	.	11	.	1	<a href="#">get it</a>

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## TS 04.81 Line Identification Supplementary Services; Stage 3

Ph2 *current version:* 4.4.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.2.0 #10: 4.3.0 #12: 4.4.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	3	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	4	.	0	<a href="#">get it</a>
ETSI Publication	1994-11-07	4	.	4	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1468

31 May 2005 21:15:15

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph2 *current version:* 4.9.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 6 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 7 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 8 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 9 . 0	<a href="#">get it</a>
Editorial	1996-03-02	4 . 9 . 1	<a href="#">get it</a>

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## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

Ph2 *current version:* 4.6.1 *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.4.0 #9: 4.5.0 #17: 4.6.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 5 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 6 . 0	<a href="#">get it</a>
Editorial	1996-03-02	4 . 6 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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**TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3**

Ph2 *current version:* 4.3.2 *WG (prime / other):* C4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.2.0 #9: 4.3.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	3	.	0	<a href="#">get it</a>
ETSI Publication	1994-02-21	4	.	3	.	2	<a href="#">get it</a>

---

**TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3**

Ph2 *current version:* 4.1.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.0.0 #18: 4.1.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	1	.	0	<a href="#">get it</a>
Editorial	1996-05-12	4	.	1	.	1	<a href="#">get it</a>

---

**TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3**

Ph2 *current version:* 4.5.2 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.2.0 #8: 4.4.0 #11: 4.5.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	4	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	5	.	0	<a href="#">get it</a>
ETSI Publication	1995-03-14	4	.	5	.	2	<a href="#">get it</a>

# 3GPP specification status

Page 1470

31 May 2005 21:15:16

ACTIVE specs Ph2 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2

current version: 4.7.1

freeze\_meeting: smg-11b

WG (prime / other): C4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #7: 4.6.0 #17: 4.7.0

history (event, available, version, comments, hyperlink):

smg-07 1993-06-25 4 . 6 . 0

[get it](#)

smg-17 1996-02-02 4 . 7 . 0

[get it](#)

Editorial 1996-03-02 4 . 7 . 1

[get it](#)

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## TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2

current version: 4.1.1

freeze\_meeting: smg-11b

WG (prime / other): C4 / -

G: yes U:

rapporteur: HODGES, Phil

MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release: #8: 4.0.0 #12: 4.1.0

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0

[get it](#)

smg-12 1994-10-07 4 . 1 . 0

[get it](#)

Editorial 1994-11-07 4 . 1 . 1

[get it](#)

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Ph2

05 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1471

31 May 2005 21:15:16

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2  
current version: 4.6.0  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 1 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 3 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 4 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 5 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 6 . 0	<a href="#">get it</a>

---

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2  
current version: 4.11.0  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist  
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 4 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 5 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 6 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 7 . 0	<a href="#">get it</a>
smg-20	1996-10-11	4 . 8 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 9 . 0	<a href="#">get it</a>
smg-28	1999-02-12	4 . 10 . 0	<a href="#">get it</a>
ETSI Publication	1999-07-22	4 . 10 . 1	<a href="#">get it</a>
GP-06	2001-10-01	4 . 11 . 0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1472

31 May 2005 21:15:16

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.03 Channel coding**

Ph2 *current version:* 4.5.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	1	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	2	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	3	.	0	<a href="#">get it</a>
smg-21	1997-02-14	4	.	4	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	5	.	0	<a href="#">get it</a>
Editorial	1997-07-13	4	.	5	.	1	<a href="#">get it</a>

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**TS 05.04 Modulation**

Ph2 *current version:* 4.0.3  
*freeze\_meeting:* smg-11b

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
ETSI publication	1994-09-13	4	.	0	.	3	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1473

31 May 2005 21:15:16

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.05 Radio Transmission and Reception

Ph2  
current version: 4.23.1  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 6 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 7 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 8 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 9 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 10 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 11 . 0	<a href="#">get it</a>
ETSI Publication	2003-09-01	4 . 12 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 13 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 14 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 15 . 0	<a href="#">get it</a>
smg-19	1996-06-28	4 . 16 . 0	<a href="#">get it</a>
smg-20	1996-10-11	4 . 17 . 0	<a href="#">get it</a>
smg-21	1997-02-14	4 . 18 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 19 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 20 . 0	<a href="#">get it</a>
smg-24	1997-12-19	4 . 21 . 0	<a href="#">get it</a>
smg-26	1998-06-26	4 . 22 . 0	<a href="#">get it</a>
smg-29	1999-06-25	4 . 23 . 0	<a href="#">get it</a>
ETSI Publication	1999-12-17	4 . 23 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1474

31 May 2005 21:15:16

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.08 Radio subsystem link control

Ph2  
current version: 4.22.1  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4 . 6 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 7 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 8 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 9 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 10 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 11 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 12 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 13 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 14 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 15 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 16 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 17 . 0	<a href="#">get it</a>
smg-19	1996-06-28	4 . 18 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 19 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 20 . 0	<a href="#">get it</a>
smg-24	1997-12-19	4 . 21 . 0	<a href="#">get it</a>
smg-27	1998-10-16	4 . 22 . 0	<a href="#">get it</a>
ETSI Publication	1999-03-09	4 . 22 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1475

31 May 2005 21:15:16

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.10 Radio subsystem synchronization

Ph2  
*current version:* 4.9.0  
*freeze\_meeting:* smg-11b

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	2	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	3	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	4	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	5	.	0	<a href="#">get it</a>
smg-14	1995-04-07	4	.	6	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	7	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	8	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	9	.	0	<a href="#">get it</a>

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## TR 05.22 Radio link management in hierarchical networks

Ph2  
*current version:* 4.0.0  
*freeze\_meeting:* smg-11b

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han  
*G: yes U:* *MCC:* USAI, Paolino

T-Mobile International AG

*remarks - general:*

*remarks - this release:* #18: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-12	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1476

31 May 2005 21:15:16

ACTIVE specs Ph2 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TR 05.50 Background for RF Requirements

Ph2  
current version: 4.2.0  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release: #8: 4.0.0 #13: 4.1.0 #17: 4.2.0

history (event, available, version, comments, hyperlink):

smg-08	1993-10-01	4 . 0 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 1 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 2 . 0	<a href="#">get it</a>

---

## TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

Ph2  
current version: 4.3.0  
freeze\_meeting: smg-11b

WG (prime / other): G1 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07		4 . 1 . 0	
smg-08		4 . 2 . 0	
ETSI publication	1994-02-15	4 . 2 . 1	<a href="#">get it</a>
smg-15	1995-08-15	4 . 3 . 0	<a href="#">get it</a>

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Ph2

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1477

31 May 2005 21:15:16

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.01 Full Rate Speech Processing Functions

Ph2  
current version: 4.0.7  
freeze\_meeting: smg-11b

WG (prime / other): S4 / - rapporteur: USAI, Paolino  
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07	1993-06-25	4	.	0	.	2	<a href="#">get it</a>
smg-23	1997-10-17	4	.	0	.	6	<a href="#">get it</a>
ETSI Publication	1998-04-07	4	.	0	.	7	<a href="#">get it</a>

---

## TS 06.02 Half Rate Speech Processing Functions

Ph2  
current version: 4.0.2  
freeze\_meeting: smg-11b

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general:

remarks - this release: #13: 4.0.0

history (event, available, version, comments, hyperlink):

smg-13	1995-01-27	4	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1995-12-19	4	.	0	.	2	<a href="#">get it</a>

---

## TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

Ph2  
current version: 4.2.1  
freeze\_meeting: smg-11b

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve  
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general:

remarks - this release: #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0

history (event, available, version, comments, hyperlink):

smg-13	1995-01-27	4	.	0	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	0	.	2	<a href="#">get it</a>
smg-17	1996-02-02	4	.	1	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	2	.	0	<a href="#">get it</a>
Editorial	1997-11-17	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1478

31 May 2005 21:15:16

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

Ph2 *current version:* 4.2.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #13: 4.0.0 #20: 4.1.0 #22: 4.2.0

*history (event, available, version, comments, hyperlink):*

smg-13	1995-01-27	4	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	4	.	1	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	2	.	0	<a href="#">get it</a>
Editorial	1997-07-13	4	.	2	.	1	<a href="#">get it</a>

---

## TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

Ph2 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #16: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	4	.	0	.	0	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1479

31 May 2005 21:15:16

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.10 Full Rate Speech Transcoding

Ph2 *current version:* 4.3.0  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 0 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 1 . 0	<a href="#">get it</a>
smg-32	2000-06-20	4 . 2 . 0	<a href="#">get it</a>
Editorial	2000-07-20	4 . 2 . 1	<a href="#">get it</a>
Correction of figure 3.2	2001-06-29	4 . 3 . 0	<a href="#">get it</a>

---

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph2 *current version:* 4.0.6  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #7: 4.0.1 #23: 4.0.5

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 0 . 1	<a href="#">get it</a>
smg-23	1997-10-17	4 . 0 . 5	<a href="#">get it</a>
ETSI Publication	1998-04-07	4 . 0 . 6	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1480

31 May 2005 21:15:16

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph2 *current version:* 4.1.0  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #7: 4.0.1

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 0 . 1	<a href="#">get it</a>
ETSI Publication	1994-09-13	4 . 0 . 4	<a href="#">get it</a>
SP-12	2001-06-29	4 . 1 . 0	<a href="#">get it</a>

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## TS 06.20 Half Rate Speech Transcoding

Ph2 *current version:* 4.3.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #13: 4.0.0 #14: 4.1.0 #17: 4.3.0

*history (event, available, version, comments, hyperlink):*

smg-13 -> ETSI	2005-04-06	4 . 0 . 0	<a href="#">get it</a>
Public Enquiry 80			
smg-14		4 . 1 . 0	
ETSI Vote 86	2005-04-06	4 . 2 . 0	<a href="#">get it</a>
ETSI publication	2005-04-06	4 . 2 . 1	<a href="#">get it</a>
smg-17 -> ETSI	2005-04-06	4 . 3 . 0	<a href="#">get it</a>
OAP 9817			
ETSI Publication	1996-03-03	4 . 3 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1481

31 May 2005 21:15:16

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels**

Ph2 *current version:* 4.0.2 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #13: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-13 1995-01-27 4 . 0 . 0 [get it](#)  
ETSI Publication 1995-12-19 4 . 0 . 2 [get it](#)

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**TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels**

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #13: 4.0.0 #15: 4.1.0

*history (event, available, version, comments, hyperlink):*

smg-13 1995-01-27 4 . 0 . 0 [get it](#)  
smg-15 1995-07-07 4 . 1 . 0 [get it](#)  
Editorial 1995-08-07 4 . 1 . 1 [get it](#)

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**TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels**

Ph2 *current version:* 4.0.5 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #7: 4.0.1 #23: 4.0.5

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 0 . 1 [get it](#)  
smg-23 1997-10-17 4 . 0 . 5 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1482

31 May 2005 21:15:16

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.32 Voice Activity Detection (VAD)**

Ph2  
*current version:* 4.3.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul

Indicate persons who left Company and wait for new One

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - this release:* #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 0 . 1		<a href="#">get it</a>
request for change		4 . 0 . 5	December 1994	
smg-13	1995-01-27	4 . 1 . 0		<a href="#">get it</a>
smg-17	1996-02-02	4 . 2 . 0		<a href="#">get it</a>
smg-23	1997-10-17	4 . 3 . 0		<a href="#">get it</a>
Editorial	1997-11-17	4 . 3 . 1		<a href="#">get it</a>

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**TS 06.41 Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels**

Ph2  
*current version:* 4.0.2  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino

TELECOM ITALIA S.p.A.

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - this release:* #13: 4.0.0

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-13	1995-01-27	4 . 0 . 0		<a href="#">get it</a>
ETSI Publication	1995-02-19	4 . 0 . 2		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1483

31 May 2005 21:15:17

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.42 Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels**

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino One  
*remarks - general:* *remarks - this release:* #13: 4.0.0 #15: 4.1.0

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	3	
draft		0	.	0	.	4	
draft, December		0	.	0	.	5	
1994							
draft January 1995		0	.	0	.	6	
smg-13	1995-01-27	4	.	0	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	1	.	0	<a href="#">get it</a>
Editorial	1995-08-07	4	.	1	.	1	<a href="#">get it</a>

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**TS 06.51 GSM Enhanced full rate speech processing functions: General description**

Ph2 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0

*history (event, available, version, comments, hyperlink):*

smg-22	1997-06-13	4	.	0	.	0	<a href="#">get it</a>
ETSI publication	1997-12-31	4	.	0	.	1	<a href="#">get it</a>
smg-32	2000-06-28	4	.	1	.	0	<a href="#">get it</a>
ETSI publication	2000-11-30	4	.	1	.	1	<a href="#">get it</a>
SP-10	2000-12-20	4	.	2	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1484

31 May 2005 21:15:17

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.53 ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec**

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 4 . 0 . 1 [get it](#)

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**TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)**

Ph2 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-22 1997-06-13 4 . 0 . 0 [get it](#)  
ETSI publication 1998-09-29 4 . 0 . 1 [get it](#)  
smg-32 2000-06-20 4 . 1 . 0 [get it](#)  
SP-10 2000-12-20 4 . 2 . 0 [get it](#)

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**TR 06.55 Performance characterisation of the GSM EFR Speech Codec**

Ph2 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #22: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-22 1997-06-13 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1485

31 May 2005 21:15:17

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.60 Enhanced full rate speech transcoding**

Ph2 *current version:* 4.1.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #23: 4.0.1 #25: 4.1.0

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 4 . 0 . 0  
smg-25 1998-03-20 4 . 1 . 0  
ETSI Publication 2000-08-24 4 . 1 . 1

[get it](#)

[get it](#)

[get it](#)

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**TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels**

Ph2 *current version:* 4.0.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #22: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-22 1997-06-13 4 . 0 . 0  
Editorial 1997-07-13 4 . 0 . 1

[get it](#)

[get it](#)

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**TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels**

Ph2 *current version:* 4.0.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

*remarks - general:*

*remarks - this release:* #23: 4.0.1

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 4 . 0 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1486

31 May 2005 21:15:17

ACTIVE specs Ph2 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TS 06.81 Discontinuous Transmission (DTX) for encanced full rate speech traffic channels**

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #22: 4.0.0 #30: 4.1.0

*history (event, available, version, comments, hyperlink):*

smg-22	1997-06-13	4	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	4	.	1	.	0	<a href="#">get it</a>
ETSI Publication	2000-08-09	4	.	1	.	1	<a href="#">get it</a>

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**TS 06.82 Voice Activity Detection (VAD) for encanced full rate speech traffic channels**

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #22: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-22	1997-06-13	4	.	0	.	0	<a href="#">get it</a>
Editorial	1997-07-13	4	.	0	.	1	<a href="#">get it</a>

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Ph2 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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# 3GPP specification status

Page 1487

31 May 2005 21:15:17

ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 *current version:* 4.10.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 5 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 6 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 7 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 8 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 9 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 10 . 0	<a href="#">get it</a>

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.4.0 #9: 4.4.2 #11: 4.5.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 4 . 2	<a href="#">get it</a>
smg-11	1994-07-01	4 . 5 . 0	<a href="#">get it</a>
Editorial	1994-08-01	4 . 5 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1488

31 May 2005 21:15:17

ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.4.0 #9: 4.5.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 5 . 0	<a href="#">get it</a>
Editorial	1994-02-21	4 . 5 . 1	<a href="#">get it</a>

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## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

Ph2 *current version:* 4.8.1 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 2 . 1	<a href="#">get it</a>
smg-08	1993-10-01	4 . 3 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 4 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 5 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 6 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 7 . 0	<a href="#">get it</a>
smg-20	1996-10-11	4 . 8 . 0	<a href="#">get it</a>
Editorial	1996-11-11	4 . 8 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1489

31 May 2005 21:15:17

ACTIVE specs Ph2 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2  
*current version:* 4.4.1  
*freeze\_meeting:* smg-11b  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062.

*WG (prime / other):* C1 / -  
*G: yes U:*

*rapporteur:* VOTE, Nicola  
*MCC:* JURISIC, Andrijana  
NTT DoCoMo Inc.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	4	.	0	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	1	.	0	<a href="#">get it</a>
smg-24	1997-12-19	4	.	2	.	0	<a href="#">get it</a>
smg-25	1998-03-20	4	.	3	.	0	<a href="#">get it</a>
smg-27	1998-10-16	4	.	4	.	0	<a href="#">get it</a>
Editorial	1998-11-16	4	.	4	.	1	<a href="#">get it</a>

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Ph2 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.01 General Aspects on the BSS-MSC Interface

Ph2  
*current version:* 4.0.3  
*freeze\_meeting:* smg-11b  
*remarks - general:*

*WG (prime / other):* G2 / -  
*G: yes U:*

*rapporteur:* ANDERSEN, Niels Peter  
*MCC:* THOMASEN, Gert  
QUALCOMM EUROPE S.A.R.L.  
Skov

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1994-09-13	4	.	0	.	3	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1490

31 May 2005 21:15:17

ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**

Ph2 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	1	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	2	.	0	<a href="#">get it</a>

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**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1994-09-13	4	.	0	.	3	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1491

31 May 2005 21:15:17

ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Ph2 *current version:* 4.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 1 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 2 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 3 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 4 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 5 . 0	<a href="#">get it</a>

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**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Ph2 *current version:* 4.12.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 5 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 6 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 7 . 0	<a href="#">get it</a>
ETSI Publication	2003-09-01	4 . 7 . 1	<a href="#">get it</a>
smg-13	1995-01-27	4 . 8 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 9 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 10 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 11 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 12 . 0	<a href="#">get it</a>
ETSI Publication	1998-10-23	4 . 12 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1492

31 May 2005 21:15:17

ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Ph2 *current version:* 4.2.3 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 2 . 1 [get it](#)  
smg-13 1995-01-27 4 . 2 . 3 [get it](#)

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## TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

Ph2 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 0 . 1 [get it](#)  
smg-13 1995-01-27 4 . 1 . 0 [get it](#)

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## TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles

Ph2 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* Skov THOMASEN, Gert

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07 1993-06-25 4 . 0 . 1 [get it](#)  
smg-13 1995-01-27 4 . 1 . 0 [get it](#)  
smg-14 1995-04-07 4 . 2 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1493

31 May 2005 21:15:17

ACTIVE specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits**

Ph2  
current version: 4.1.0  
freeze\_meeting: smg-11b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 1993-06-26 4 . 0 . 1  
smg-13 1995-01-27 4 . 1 . 0

[get it](#)

[get it](#)

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**TS 08.56 BSC-BTS Layer 2; Specification**

Ph2  
current version: 4.0.2  
freeze\_meeting: smg-11b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-08 1993-10-01 4 . 0 . 0  
ETSI Publication 1994-09-13 4 . 0 . 2

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1494

31 May 2005 21:15:17

ACTIVE specs Ph2 08 .- series  
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**TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

Ph2 *current version:* 4.9.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 4 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 5 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 6 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 7 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 8 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 9 . 0	<a href="#">get it</a>

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**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**

Ph2 *current version:* 4.4.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov  
G: yes U: MCC: USAI, Paolino

*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - > G1. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 1 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 2 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 3 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 4 . 0	<a href="#">get it</a>
Editorial	1997-11-17	4 . 4 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1495

31 May 2005 21:15:17

ACTIVE specs Ph2 08 .- series  
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**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
Ph2 *current version:* 4.0.2 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b G: yes U: *MCC:* Skov  
USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*

smg-13	1995-01-27	4	.	0	.	0	<a href="#">get it</a>
ETSI Publication	1996-01-19	4	.	0	.	2	<a href="#">get it</a>

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Ph2 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.01 General Network Interworking Scenarios**  
Ph2 *current version:* 4.0.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-11b G: yes U: *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-08	1993-10-01	4	.	0	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1496

31 May 2005 21:15:17

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.02 Mobile Application Part (MAP) Specification

Ph2 *current version:* 4.19.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CN->N4 Apr00 (JMM)CP-27: change of WG as a result of closure of CN and *remarks - this release:*  
T.

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 5 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 6 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 7 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 8 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 9 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 10 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 11 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 12 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 13 . 0	<a href="#">get it</a>
smg-19	1996-06-28	4 . 14 . 0	<a href="#">get it</a>
smg-20	1996-10-11	4 . 15 . 0	<a href="#">get it</a>
smg-21	1997-02-14	4 . 16 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 17 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 18 . 0	<a href="#">get it</a>
NP-08	2000-06-23	4 . 19 . 0	<a href="#">get it</a>
ETSI Publication	2001-01-04	4 . 19 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1497

31 May 2005 21:15:18

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile**  
Ph2 *current version: Network (PLMN)* 4.0.3 *WG (prime / other):* C3 /- *rappporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* smg-11b *G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #8: 4.0.0 #9: 4.0.1  
T.

*history (event, available, version, comments, hyperlink):*

smg-08	1993-10-01	4 . 0 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 0 . 1	<a href="#">get it</a>
ETSI Publication	1995-03-14	4 . 0 . 3	<a href="#">get it</a>

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**TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)**  
Ph2 *current version: 4.0.2* *WG (prime / other):* C3 /- *rappporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-11b *G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #7: 4.0.0 #8: 4.0.1 #9: 4.0.2  
T.

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 0 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 0 . 1	<a href="#">get it</a>
smg-09	1994-01-21	4 . 0 . 2	<a href="#">get it</a>

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**TS 09.05 Interworking between the PLMN and the PSPDN for PAD Access**  
Ph2 *current version: 4.4.2* *WG (prime / other):* C3 /- *rappporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* smg-11b *G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:* #7: 4.3.0 #8: 4.4.0 #9: 4.4.1  
T.

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 4 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 4 . 1	<a href="#">get it</a>
ETSI Publication	1994-09-13	4 . 4 . 2	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1498

31 May 2005 21:15:18

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.06 Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet**  
Ph2 *current version: Switched Data Transmission Services* 4.5.0 *WG (prime / other):* C3 /- *rapporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* smg-11b G: yes U: MCC: HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.3.0 #9: 4.4.0 #12: 4.5.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 3 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 4 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 5 . 0	<a href="#">get it</a>

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**TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone**  
Ph2 *current version: Network (PSTN)* 4.13.1 *WG (prime / other):* C3 /- *rapporteur:* BELLING, Thomas  
SIEMENS AG

*freeze\_meeting:* smg-11b G: yes U: MCC: HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0 #18: 4.11.0 #20: 4.12.0 #27: 4.13.0

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 4 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 5 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 6 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 7 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 8 . 0	<a href="#">get it</a>
smg-14	1995-04-07	4 . 9 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 10 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 11 . 0	<a href="#">get it</a>
smg-20	1996-10-11	4 . 12 . 0	<a href="#">get it</a>
smg-27	1998-10-16	4 . 13 . 0	<a href="#">get it</a>
ETSI Publication	1999-03-23	4 . 13 . 1	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1499

31 May 2005 21:15:18

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface**

Ph2 *current version:* 4.1.1 *WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

*freeze\_meeting:* smg-11b

*G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #9: 4.0.0 #13: 4.1.0

*history (event, available, version, comments, hyperlink):*

smg-09 1994-01-21 4 . 0 . 0

[get it](#)

smg-13 1995-01-27 4 . 1 . 0

[get it](#)

Editorial 1995-02-27 4 . 1 . 1

[get it](#)

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**TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**

Ph2 *current version:* Procedures and the Mobile Application Part (MAP) 4.4.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo

TeliaSonera AB

*freeze\_meeting:* smg-11b

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0

*history (event, available, version, comments, hyperlink):*

smg-08 1993-10-01 4 . 0 . 0

[get it](#)

smg-09 1994-01-21 4 . 1 . 0

[get it](#)

smg-10 1994-04-15 4 . 2 . 0

[get it](#)

smg-17 1996-02-02 4 . 3 . 0

[get it](#)

smg-23 1997-10-17 4 . 4 . 0

[get it](#)

Editorial 1997-11-17 4 . 4 . 1

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1500

31 May 2005 21:15:18

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0

### *history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	1	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	2	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	3	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	4	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	5	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	6	.	0	<a href="#">get it</a>
Editorial	1996-07-28	4	.	6	.	1	<a href="#">get it</a>

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## TS 09.12 Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol

Ph2 *current version:* 4.2.2 *WG (prime / other):* TISPAN/ C4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:*  
*remarks - general:* EN 300 646 *remarks - this release:* smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.

### *history (event, available, version, comments, hyperlink):*

smg-17		4	.	0	.	0	
ETSI vote	1997-02-06	4	.	1	.	0	<a href="#">get it</a>
ETSI publication	1997-05-16	4	.	1	.	1	<a href="#">get it</a>
post ETSI PE	2005-04-28	4	.	2	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	2	.	1	<a href="#">get it</a>
ETSI publication	1999-05-26	4	.	2	.	2	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1501

31 May 2005 21:15:18

ACTIVE specs Ph2 09 .- series  
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**TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)**

Ph2 *current version:* 4.9.0 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-15	1995-07-07	4	.	5	.	0	<a href="#">get it</a>
smg-16 ?	1995-10-20	4	.	6	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	7	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	8	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	9	.	0	<a href="#">get it</a>

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**TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2**

Ph2 *current version:* 4.0.1 *WG (prime / other):* C6 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #10: 4.0.0

*history (event, available, version, comments, hyperlink):*

smg-10	1994-04-15	4	.	0	.	0	<a href="#">get it</a>
Editorial correction	1994-05-15	4	.	0	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1502

31 May 2005 21:15:18

ACTIVE specs Ph2 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2 *current version:* 4.6.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b Skov

*G:* yes *U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.

### *history (event, available, version, comments, hyperlink):*

smg-14	1995-04-07	4	.	0	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	1	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	2	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	3	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	4	.	0	<a href="#">get it</a>
smg-30	1999-11-11	4	.	5	.	0	<a href="#">get it</a>
NP-16	2002-06-26	4	.	6	.	0	<a href="#">get it</a>
edito post NP-18	2002-12-16	4	.	6	.	1	minor editorials to change style from TS to <a href="#">get it</a> TR.

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Ph2

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1503

31 May 2005 21:15:18

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification**

Ph2 *current version:* 4.29.0 *WG (prime / other):* G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-11b NP /  
T2 /  
SCP

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5. *remarks - this release:* #31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	4	.	13	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	14	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	15	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	16	.	0	<a href="#">get it</a>
smg-20	1996-10-11	4	.	17	.	0	<a href="#">get it</a>
smg-21	1997-02-14	4	.	18	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	19	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	20	.	0	<a href="#">get it</a>
smg-24	1997-10-19	4	.	21	.	0	<a href="#">get it</a>
smg-25	1998-03-20	4	.	22	.	0	<a href="#">get it</a>
smg-26	1998-06-26	4	.	23	.	1	<a href="#">get it</a>
smg-27	1998-10-16	4	.	24	.	0	<a href="#">get it</a>
smg-28	1999-02-12	4	.	25	.	0	<a href="#">get it</a>
smg-29	1999-06-25	4	.	26	.	0	<a href="#">get it</a>
smg-30	1999-11-11	4	.	27	.	0	<a href="#">get it</a>
smg-31	2000-02-16	4	.	28	.	0	<a href="#">get it</a>
ETSI Publication	2000-09-08	4	.	28	.	1	<a href="#">get it</a>
GP-06	2001-09-06	4	.	29	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1504

31 May 2005 21:15:18

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

Ph2 *current version:* 4.16.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-11b NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* GP-06: Rel-4 serves all releases.

*history (event, available, version, comments, hyperlink):*

smg-16	1995-10-20	4	.	13	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	14	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	15	.	0	<a href="#">get it</a>
GP-06	2001-09-06	4	.	16	.	0	<a href="#">get it</a>

# 3GPP specification status

Page 1505

31 May 2005 21:15:18

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface**

Ph2 *current version:* 4.21.1 *WG (prime / other):* C6 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4 . 8 . 0	<a href="#">get it</a>
smg-08	1993-10-01	4 . 9 . 0	<a href="#">get it</a>
smg-09	1994-01-21	4 . 10 . 0	<a href="#">get it</a>
smg-10	1994-04-15	4 . 11 . 0	<a href="#">get it</a>
smg-11	1994-07-01	4 . 12 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 13 . 0	<a href="#">get it</a>
ETSI Publication	2003-09-01	4 . 13 . 1	<a href="#">get it</a>
smg-13	1995-01-27	4 . 14 . 0	<a href="#">get it</a>
smg-15	1995-04-07	4 . 15 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 16 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 17 . 0	<a href="#">get it</a>
smg-19	1996-06-28	4 . 18 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 19 . 0	<a href="#">get it</a>
smg-25	1998-03-20	4 . 20 . 0	<a href="#">get it</a>
smg-29	1999-06-25	4 . 21 . 0	<a href="#">get it</a>
ETSI Publication	1999-12-17	4 . 21 . 1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1506

31 May 2005 21:15:18

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface**

Ph2 *current version:* 4.3.1 *WG (prime / other):* C6 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-15	1995-07-07	4	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	1	.	0	<a href="#">get it</a>
ETSI vote	1996-08-05	4	.	1	.	1	<a href="#">get it</a>
ETSI publication	1996-12-19	4	.	1	.	2	<a href="#">get it</a>
smg-21	1997-02-14	4	.	2	.	0	<a href="#">get it</a>
ETSI publication	1997-08-26	4	.	2	.	1	<a href="#">get it</a>
smg-23	1997-10-17	4	.	3	.	0	<a href="#">get it</a>
ETSI publication	1998-04-07	4	.	3	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1507

31 May 2005 21:15:18

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

Ph2 *current version:* 4.14.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

smg-11	1994-07-01	4 . 0 . 0	<a href="#">get it</a>
smg-12	1994-10-07	4 . 1 . 0	<a href="#">get it</a>
smg-13	1995-01-27	4 . 2 . 0	<a href="#">get it</a>
smg-15	1995-07-07	4 . 3 . 0	<a href="#">get it</a>
smg-16	1995-10-20	4 . 4 . 0	<a href="#">get it</a>
smg-17	1996-02-02	4 . 5 . 0	<a href="#">get it</a>
smg-18	1996-04-12	4 . 6 . 0	<a href="#">get it</a>
smg-20	1996-10-11	4 . 7 . 0	<a href="#">get it</a>
smg-22	1997-06-13	4 . 8 . 0	<a href="#">get it</a>
smg-23	1997-10-17	4 . 9 . 0	<a href="#">get it</a>
smg-25	1998-03-20	4 . 10 . 0	<a href="#">get it</a>
smg-26	1998-06-26	4 . 11 . 0	<a href="#">get it</a>
smg-27	1998-10-16	4 . 12 . 0	<a href="#">get it</a>
smg-28	1999-02-12	4 . 13 . 0	<a href="#">get it</a>
smg-29	1999-06-25	4 . 14 . 0	<a href="#">get it</a>
ETSI Publication	1999-12-17	4 . 14 . 1	<a href="#">get it</a>

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## TR 11.22 GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes

Ph2 *current version:* 4.2.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

<to be defined>		4 . 0 . 0	
smg-21	1997-02-14	4 . 1 . 3	<a href="#">get it</a>
smg-31b	2000-04-17	4 . 2 . 0	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1508

31 May 2005 21:15:18

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.23 GSM Signalling Aspects Base Station System equipment Specification

Ph2 *current version:* 4.9.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-11b *G: yes U:* MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:* Not progressed to Ph2+ because no regulatory requirement.

*history (event, available, version, comments, hyperlink):*

smg-11	1994-07-01	4	.	0	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	1	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	2	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	3	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	4	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	5	.	0	<a href="#">get it</a>
smg-21	1997-02-14	4	.	6	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	7	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	8	.	0	<a href="#">get it</a>
smg-25	1998-03-20	4	.	9	.	0	<a href="#">get it</a>
Editorial	1998-10-20	4	.	9	.	1	<a href="#">get it</a>

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## TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-11b *G: yes U:* MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:* #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

*history (event, available, version, comments, hyperlink):*

smg-14	1995-04-07	4	.	0	.	0	<a href="#">get it</a>
smg-20	1996-10-11	4	.	1	.	0	<a href="#">get it</a>
smg-25	1998-03-20	4	.	2	.	0	<a href="#">get it</a>
smg-27	1998-10-16	4	.	3	.	0	<a href="#">get it</a>
Editorial correction	1998-10-16	4	.	3	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1509

31 May 2005 21:15:19

ACTIVE specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* smg-11b G: yes U: MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-15	1995-07-07	4	.	0	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	1	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	2	.	0	<a href="#">get it</a>
smg-20	1996-10-11	4	.	2	.	2	<a href="#">get it</a>

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Ph2 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management

Ph2 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b G: yes U: MCC: ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	1	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	2	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	3	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	4	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	5	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	6	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1510

31 May 2005 21:15:19

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.01 Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management**

Ph2 *current version:* 4.4.1 *WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	1	.	0	<a href="#">get it</a>
smg-10	1994-04-15	4	.	2	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	3	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	4	.	0	<a href="#">get it</a>
Editorial	1996-02-02	4	.	4	.	1	<a href="#">get it</a>

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**TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration**

Ph2 *current version:* 4.6.1 *WG (prime / other):* S5 / S1 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07	1993-06-25	4	.	0	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	1	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	2	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	3	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	4	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	5	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	6	.	0	<a href="#">get it</a>
Editorial	1996-02-02	4	.	6	.	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1511

31 May 2005 21:15:19

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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<b>TS 12.03</b>	<b>Security Management</b>					
Ph2	current version: 4.2.1	WG (prime / other):	S5 / S1 / NP	rapporteur:	TRUSS, Michael	MOTOROLA Ltd
	freeze_meeting: smg-11b	G: yes U:		MCC:	ZOICAS, Adrian	
	remarks - general:			remarks - this release:		
history (event, available, version, comments, hyperlink):						
	smg-11	1994-07-01	4 . 0 . 0	<a href="#">get it</a>		
	smg-14	1995-04-07	4 . 1 . 0	<a href="#">get it</a>		
	smg-17	1996-02-02	4 . 2 . 0	<a href="#">get it</a>		
	Editorial	1996-02-02	4 . 2 . 1	<a href="#">get it</a>		

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<b>TS 12.04</b>	<b>Performance data measurements</b>					
Ph2	current version: 4.3.1	WG (prime / other):	S5 / S1 / NP	rapporteur:	TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-11b	G: yes U:		MCC:	ZOICAS, Adrian	
	remarks - general:			remarks - this release:		
history (event, available, version, comments, hyperlink):						
	smg-08	1993-10-01	4 . 0 . 0	<a href="#">get it</a>		
	smg-11	1994-07-01	4 . 1 . 0	<a href="#">get it</a>		
	smg-13	1995-01-27	4 . 2 . 0	<a href="#">get it</a>		
	smg-17	1996-02-02	4 . 3 . 0	<a href="#">get it</a>		
	Editorial correction	1996-02-02	4 . 3 . 1	<a href="#">get it</a>		

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1512

31 May 2005 21:15:19

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.05 Subscriber Related Call and Event Data

Ph2 *current version:* 4.3.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation  
*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-08	1993-10-01	4	.	0	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	1	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	1	.	1	<a href="#">get it</a>
smg-17	1996-02-02	4	.	2	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	3	.	0	<a href="#">get it</a>
Editorial correction	1997-06-13	4	.	3	.	1	<a href="#">get it</a>

---

## TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-11	1994-07-01	4	.	0	.	0	<a href="#">get it</a>
smg-12	1994-10-07	4	.	0	.	1	<a href="#">get it</a>
smg-17	1996-02-02	4	.	1	.	0	<a href="#">get it</a>
Editorial correction	1996-02-02	4	.	1	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1513

31 May 2005 21:15:19

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.08 Subscriber and Equipment trace**

Ph2 *current version:* 4.6.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-12	1994-10-07	4	.	0	.	0	<a href="#">get it</a>
smg-14	1995-04-07	4	.	1	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	2	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	3	.	0	<a href="#">get it</a>
smg-20	1996-10-11	4	.	4	.	0	<a href="#">get it</a>
smg-22	1997-06-13	4	.	5	.	0	<a href="#">get it</a>
smg-23	1997-10-17	4	.	6	.	0	<a href="#">get it</a>
ETSI publication	2001-10-30	4	.	6	.	1	<a href="#">get it</a>

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**TS 12.11 Fault management of the Base Station System (BSS)**

Ph2 *current version:* 4.2.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson

*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	4	.	2	.	0	<a href="#">get it</a>
Editorial correction	1998-06-26	4	.	2	.	1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1514

31 May 2005 21:15:19

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.20 Base Station System (BSS) Management Information

Ph2 *current version:* 4.2.1  
*freeze\_meeting:* smg-11b

*WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0

*history (event, available, version, comments, hyperlink):*

smg-09	1994-01-21	4	.	0	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	1	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	1	.	1	<a href="#">get it</a>
smg-17	1996-02-02	4	.	2	.	0	<a href="#">get it</a>
Editorial correction	1996-02-02	4	.	2	.	1	<a href="#">get it</a>

---

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0  
*freeze\_meeting:* smg-11b

*WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* SP-13: S5->G3 but no change of rapporteur.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-06?		4	.	0	.	0	
smg-07	1993-06-25	4	.	1	.	0	<a href="#">get it</a>
smg-08	1993-10-01	4	.	2	.	0	<a href="#">get it</a>
smg-09	1994-01-21	4	.	3	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	4	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	5	.	0	<a href="#">get it</a>
smg-16	1995-10-20	4	.	5	.	2	<a href="#">get it</a>
ETSI publication	1998-05-28	4	.	5	.	4	<a href="#">get it</a>
smg-21		4	.	6	.	0	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1515

31 May 2005 21:15:19

ACTIVE specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)**

Ph2 *current version:* 4.1.4 *WG (prime / other):* G1 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* SP-13: S5->G3 but no change of rapporteur. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-11	1994-07-01	4	.	0	.	0	<a href="#">get it</a>
smg-13	1995-01-27	4	.	1	.	0	<a href="#">get it</a>
PE88	1995-07-24	4	.	1	.	1	<a href="#">get it</a>
smg-16	1995-10-20	4	.	1	.	2	<a href="#">get it</a>
V100	1996-03-25	4	.	1	.	3	<a href="#">get it</a>
ETSI publication	1996-09-04	4	.	1	.	4	<a href="#">get it</a>

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**TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M**

Ph2 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-10	1994-04-15	4	.	0	.	0	<a href="#">get it</a>
smg-11	1994-07-01	4	.	1	.	0	<a href="#">get it</a>
smg-15	1995-07-07	4	.	2	.	0	<a href="#">get it</a>

---

Ph2

TB .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1516

31 May 2005 21:15:19

ACTIVE specs Ph2 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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## TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2 *current version:* none  
*freeze\_meeting:* smg-11b

*WG (prime / other):* MSG / - *rapporteur:*  
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29: 4.5.0  
(was originally 13.01)

*history (event, available, version, comments, hyperlink):*

---

## TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2 *current version:* none  
*freeze\_meeting:* smg-11b

*WG (prime / other):* MSG / - *rapporteur:*  
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

*history (event, available, version, comments, hyperlink):*

---

## TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2 *current version:* none  
*freeze\_meeting:* smg-11b

*WG (prime / other):* MSG / - *rapporteur:*  
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1517

31 May 2005 21:15:19

ACTIVE specs Ph2 TB .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

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## TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*  
*freeze\_meeting:* smg-11b G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* *remarks - this release:* #17: 4.0.0

*history (event, available, version, comments, hyperlink):*

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## Ph1-EXT

Ph1-EXT 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.20ext Security-related fetwork functions (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
*freeze\_meeting:* GP  
G: yes U: MCC: CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #7: 3.0.0

*history (event, available, version, comments, hyperlink):*

smg-07 2003-09-01 3 . 0 . 0 addendum to 03.20 v3.3.2 [get it](#)

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Ph1-EXT 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1518

31 May 2005 21:15:19

ACTIVE specs Ph1-EXT 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.08ext Mobile radio interface layer 3 specification, part 1 (Ext)

Ph1-EXT *current version:* 3.0.0

*freeze\_meeting:*

*WG (prime / other):* C1 / G2 *rapporteur:* HOWELL, Andrew

MOTOROLA Ltd

G: yes U: *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 0 extension to 04.08 v3.13.0

[get it](#)

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Ph1-EXT 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.08ext Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)

Ph1-EXT *current version:* 3.0.0

*freeze\_meeting:*

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter

QUALCOMM EUROPE S.A.R.L.

Skov

G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-07 1995-01-01 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1519

31 May 2005 21:15:19

ACTIVE specs Ph1-EXT 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.58ext Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)

Ph1-EXT *current version:* 3.0.0

*freeze\_meeting:*

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

*G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #7: 3.0.0

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 0 based on 08.58 v3.5.0

[get it](#)

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## Ph1-DCS

Ph1-DCS 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.06dcs Types of Mobile Stations (MS) - DCS 1800

Ph1-DCS *current version:* 3.0.0

*freeze\_meeting:*

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc

CLAYTON, Michael

*G:* yes *U:*

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

1995-01-01 3 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1520

31 May 2005 21:15:19

ACTIVE specs Ph1-DCS 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.11dcs Service accessibility (DCS 1800)

Ph1-DCS *current version:* 3.1.0

*freeze\_meeting:*

*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

?	1994-05-10	3	.	0	.	0	illegible	<a href="#">get it</a>
smg-01	1994-05-10	3	.	0	.	1		<a href="#">get it</a>
ETSI publication	1995-01-01	3	.	1	.	0		<a href="#">get it</a>

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Ph1-DCS **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.12dcs Location Registration Procedures (DCS 1800)

Ph1-DCS *current version:* 3.0.1

*freeze\_meeting:*

*WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication	2003-08-19	3	.	0	.	1		<a href="#">get it</a>
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Ph1-DCS **04** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1521

31 May 2005 21:15:19

ACTIVE specs Ph1-DCS 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1-DCS current version: 3.1.0

freeze\_meeting:

WG (prime / other): C1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JURISIC, Andrijana

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 0 extension to 04.08 v3.13.0

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Ph1-DCS 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.01dcs Physical Layer on the Radio Path (General Description) (DCS 1800)

Ph1-DCS current version: 3.0.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0 based on 05.01 v3.3.2

[get it](#)

---

## TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1-DCS current version: 3.3.0

freeze\_meeting:

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-07 3 . 2 . 0

smg-08 1995-01-01 3 . 3 . 0 based on 05,05 v3.16.0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1522

31 May 2005 21:15:19

ACTIVE specs Ph1-DCS 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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## TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1-DCS *current version:* 3.0.0

*freeze\_meeting:*

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer

Indicate persons who left Company and wait for new One

*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 0

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Ph1-DCS 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DCS *current version:* 3.0.0

*freeze\_meeting:*

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 0 based on 08.58 v3.5.0

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Ph1-DCS 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1523

31 May 2005 21:15:19

ACTIVE specs Ph1-DCS 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)

Ph1-DCS current version: 3.0.0

freeze\_meeting:

WG (prime / other): C4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1993-03-03 3 . 0 . 0 based on 09.02 v3.8.0

[get it](#)

---

## TS 09.10dcs Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DCS current version: Procedures and the Mobile Application Part (MAP) (DCS 1800)

3.0.0WG (prime / other): C4

/-

rapporteur:

KYMALAINEN, Kimmo

TeliaSonera AB

freeze\_meeting:

G: yes U:

MCC:

KYMALAINEN, Kimmo

remarks - general: CP-27: change of WG as a result of closure of CN and T.

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0

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Ph1-DCS 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1524

31 May 2005 21:15:19

ACTIVE specs Ph1-DCS 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1-DCS current version: 3.23.1

freeze\_meeting:

WG (prime / other): G3new/ S1 / rapporteur: LEGRAND, Walter EADS TELECOM  
G3ne  
w /  
NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

smg-02		3	.	2	.	0		
smg-03		3	.	3	.	0		
smg-04bis		3	.	4	.	0		
smg-05		3	.	5	.	0		
smg-06	1995-06-28	3	.	6	.	0		<a href="#">get it</a>
smg-07	1996-06-07	3	.	7	.	0		<a href="#">get it</a>
smg-08	1996-06-07	3	.	8	.	0		<a href="#">get it</a>
smg-09	1996-06-07	3	.	9	.	0		<a href="#">get it</a>
smg-10	1996-06-07	3	.	10	.	0		<a href="#">get it</a>
smg-11	1996-06-07	3	.	11	.	0		<a href="#">get it</a>
smg-12	1996-06-07	3	.	12	.	0	based on 11.10 v3.19.0	<a href="#">get it</a>
smg-13	1996-06-07	3	.	13	.	0		<a href="#">get it</a>
ETSI publication	1996-12-01	3	.	23	.	1		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1525

31 May 2005 21:15:20

ACTIVE specs Ph1-DCS 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-DCS *current version:* 3.3.4

*freeze\_meeting:*

*WG (prime / other):* C6 / -

*G: yes U:*

*rapporteur:* GUTHERY, Scott B.

*MCC:* LENHART, Gabriele

Mobile-Mind Inc.

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-02		3 . 2 . 0	
smg-04		3 . 3 . 0	
smg-08		3 . 3 . 1	
smg-09		3 . 3 . 2	
smg-11		3 . 3 . 3	
smg-12	1994-02-21	3 . 3 . 4	

[get it](#)

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## TS 11.20dcs GSM DCS 1800 Base Station Specification

Ph1-DCS *current version:* 3.13.0

*freeze\_meeting:*

*WG (prime / other):* GP / NP

*G: yes U:*

*rapporteur:* VACANT,

*MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-01		3 . 1 . 0	
smg-02		3 . 2 . 0	
smg-03		3 . 3 . 0	
smg-04		3 . 4 . 0	
smg-05		3 . 5 . 0	
smg-06		3 . 6 . 0	
smg-07		3 . 7 . 0	
smg-08		3 . 8 . 0	
smg-09		3 . 9 . 0	
smg-10		3 . 10 . 0	
smg-11		3 . 11 . 0	
smg-12		3 . 12 . 0	
smg-17	1995-01-01	3 . 13 . 0	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1526

31 May 2005 21:15:20

ACTIVE specs Ph1-DCS 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.40dcs DCS 1800 System Simulator conformity specification

Ph1-DCS current version: 3.3.0

freeze\_meeting:

WG (prime / other): G3new/ - rapporteur:

G: yes U: MCC: BAEV, Stoyan

remarks - general:

remarks - this release: #4: 3.2.0 #11: 3.3.0

history (event, available, version, comments, hyperlink):

smg-04 3 . 2 . 0

smg-11 1995-11-13 3 . 3 . 0

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## Ph1

Ph1

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Ph1 current version: 3.1.0

freeze\_meeting:

WG (prime / other): SP / -

G: yes U:

rapporteur: MEREDITH, John M

ETSI Secretariat

MCC: POPE, Maurice

remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases.

remarks - this release:

history (event, available, version, comments, hyperlink):

SP-20 2003-06-25 3 . 0 . 0 Created from 41.103.

SP-21 2003-09-26 3 . 1 . 0

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1527

31 May 2005 21:15:20

ACTIVE specs Ph1 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm-29		2	.	0	.	3
smg-12	1994-10-07	3	.	0	.	0
ETSI publication	1995-01-01	3	.	0	.	1

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Ph1

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-18	1996-04-10	3	.	0	.	0
ETSI publication	1995-01-01	3	.	0	.	1
PT12 release	1992-02-15	3	.	2	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Page 1528

31 May 2005 21:15:20

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

CEPT GSM doc 1990-01-15 3 . 1 . 1 [get it](#)  
CEPT GSM doc 1991-07-15 3 . 2 . 0 [get it](#)

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## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.4.1 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

CEPT GSM doc 1991-01-03 3 . 4 . 0 [get it](#)  
edito 1998-07-22 3 . 4 . 1 [get it](#)

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## TS 02.04 General on Supplementary Services

Ph1 *current version:* 3.7.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

CEPT GSM doc 2001-08-31 3 . 6 . 1 [get it](#)  
- 1998-07-24 3 . 7 . 0 [get it](#)  
CEPT GSM doc 1991-01-03 3 . 7 . 1 [get it](#)

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Page 1529

31 May 2005 21:15:20

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## TS 02.06 Types of Mobile Stations (MS)

Ph1 *current version:* 3.2.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

2001-08-31 3 . 1 . 0  
ETSI publication 1995-01-01 3 . 2 . 0

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## TS 02.07 Mobile Station (MS) Features

Ph1 *current version:* 3.4.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

- 1994-05-10 3 . 3 . 0  
- 1994-05-10 3 . 4 . 0  
ETSI publication 1995-01-01 3 . 4 . 1

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## TS 02.09 Security aspects

Ph1 *current version:* 3.1.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Per TeliaSonera AB

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1530

31 May 2005 21:15:20

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<b>TS 02.11</b>	<b>Service accessibility</b>					
Ph1	current version: 3.7.0	WG (prime / other):	S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE SA
	freeze_meeting: gsm-25b	G: yes U:		MCC:	CLAYTON, Michael	
remarks - general:		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	gsm-29	2001-08-30	3 . 5 . 0		<a href="#">get it</a>	
	smg-01	2001-08-30	3 . 6 . 0		<a href="#">get it</a>	
	ETSI publication	1995-01-01	3 . 7 . 0		<a href="#">get it</a>	

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<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>					
Ph1	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: gsm-25b	G: yes U:		MCC:	CLAYTON, Michael	
remarks - general:		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	ETSI publication	1995-01-01	3 . 0 . 1		<a href="#">get it</a>	

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<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
Ph1	current version: 3.2.0	WG (prime / other):	C6 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD
	freeze_meeting: gsm-25b	G: yes U:		MCC:	LENHART, Gabriele	
remarks - general: CP-27: change of WG as a result of closure of CN and T.		remarks - this release:				
history (event, available, version, comments, hyperlink):						
	..	2001-08-30	3 . 1 . 2		<a href="#">get it</a>	
	ETSI publication	1995-01-01	3 . 2 . 0		<a href="#">get it</a>	

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Page 1531

31 May 2005 21:15:20

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**TS 02.20 Collection charges**

Ph1 *current version:* 3.0.1  
*freeze\_meeting:* gsm-25b  
*remarks - general:*

*WG (prime / other):* S1 / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

06/05/1992: 1997-10-09 3 . 0 . 1

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**TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)**

Ph1 *current version:* 3.9.0  
*freeze\_meeting:* gsm-25b  
*remarks - general:*

*WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 9 . 0

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**TS 02.40 Procedures for Call Progress Indications**

Ph1 *current version:* 3.2.0  
*freeze\_meeting:* gsm-25b  
*remarks - general:*

*WG (prime / other):* S1 / NP *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1532

31 May 2005 21:15:20

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**TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1**

Ph1 *current version:* 3.6.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 6 . 1

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**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**

Ph1 *current version:* 3.6.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 6 . 1

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Ph1

03 .- series

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**TS 03.01 Network Functions**

Ph1 *current version:* 3.1.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:* SMG3->SA2 @ TSG#7

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 1 . 1

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Page 1533

31 May 2005 21:15:20

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**TS 03.02 Network Architecture**  
Ph1 *current version:* 3.1.4 *freeze\_meeting:* gsm-25b  
*WG (prime / other):* S2 / NP / T2 *rapporteur:* MILINSKI, AlexanderSIEMENS AG  
*G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 1 . 4

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**TS 03.03 Numbering, Addressing and Identification**  
Ph1 *current version:* 3.6.0 *freeze\_meeting:* gsm-25b  
*WG (prime / other):* C4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 6 . 0

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**TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers**  
Ph1 *current version:* 3.1.0 *freeze\_meeting:* gsm-25b  
*WG (prime / other):* C4 / SPAN / T2 *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1534

31 May 2005 21:15:20

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## TR 03.05 Technical performance objectives

Ph1 *current version:* 3.2.0 *WG (prime / other):* CP / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 03.07 Restoration Procedures

Ph1 *current version:* 3.2.1 *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* Chalmers  
KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 03.08 Organization of Subscriber Data

Ph1 *current version:* 3.7.0 *WG (prime / other):* C4 / - *rapporteur:*  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1535

31 May 2005 21:15:20

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**TS 03.09 Handover Procedures**  
Ph1 *current version:* 3.2.1 *freeze\_meeting:* gsm-25b  
*WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated  
*G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types**  
Ph1 *current version:* 3.3.0 *freeze\_meeting:* gsm-25b  
*WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm4 2003-05-06 2 . 0 . 0 Jan 1988 [get it](#)  
gsm4 2003-05-06 3 . 0 . 0 Feb 1988 [get it](#)  
gsm4 2003-05-06 3 . 1 . 0 Jul 1988 [get it](#)  
gsm4 2003-05-06 3 . 2 . 0 Nov 1988 [get it](#)  
ETSI publication 1995-01-01 3 . 3 . 0 [get it](#)

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**TS 03.11 Technical Realization of Supplementary Services - General Aspects**  
Ph1 *current version:* 3.1.1 *freeze\_meeting:* gsm-25b  
*WG (prime / other):* C4 / - *rapporteur:* KOZA, Yvette T-Mobile International AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1536

31 May 2005 21:15:20

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## TS 03.12 Location Registration Procedures

Ph1 *current version:* 3.3.0 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph1 *current version:* 3.0.2 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 2

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## TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph1 *current version:* 3.0.2 *WG (prime / other):* C1 / - *rapporteur:* ZAUS, Robert SIEMENS AG  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1537

31 May 2005 21:15:20

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## TS 03.20 Security-related network functions

Ph1  
current version: 3.3.2  
freeze\_meeting: gsm-25b

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, Sebastien France Telecom  
GP

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 03.40 Technical realization of the Short Message Service (SMS)

Ph1  
current version: 3.7.0  
freeze\_meeting: gsm-25b

WG (prime / other): C1 / - rapporteur: ROEBKE, Matthias T-MOBILE DEUTSCHLAND  
G: yes U: MCC: JURISIC, Andrijana

remarks - general: 2003-12-03: Note that this spec also contains stage 3. CP-27: Moved to current group on closure of T2; see TP-050062. CP-27: Moved to current group on closure of T2; see TP-050062.

remarks - this release:

history (event, available, version, comments, hyperlink):

gsm4 2003-05-06 2 . 1 . 0 Sep 1988  
gsm4 2003-05-06 2 . 1 . 1 Nov 1988  
gsm4 2003-05-06 3 . 0 . 0 Apr 1989  
gsm4 2003-05-06 3 . 4 . 0 Jan 1990  
gsm4 2003-05-06 3 . 4 . 1 Oct 1990  
gsm4 2003-05-06 3 . 5 . 0 Feb 1992  
smg-08 1997-09-05 3 . 6 . 0  
smg-09 1995-01-01 3 . 7 . 0

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Page 1538

31 May 2005 21:15:20

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**TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)**

Ph1 *current version:* 3.4.0 *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm4	2003-05-06	1	.	1	.	1	Sep 1988	<a href="#">get it</a>
gsm4	2003-05-06	1	.	2	.	1	Nov 1988	<a href="#">get it</a>
gsm4	2003-05-06	2	.	0	.	0	Jan 1988 - rejected GSM-17b	<a href="#">get it</a>
gsm4	2003-05-06	3	.	2	.	0	Jan 1990	<a href="#">get it</a>
gsm4	2003-05-06	3	.	2	.	1	Oct 1990	<a href="#">get it</a>
gsm4	2003-05-06	3	.	3	.	0	Jan 1991	<a href="#">get it</a>
ETSI vote (second)	1995-01-01	3	.	4	.	0	available in PDF	<a href="#">get it</a>

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**TR 03.43 Support of Videotex**

Ph1 *current version:* 3.0.1 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm4	2003-05-06	1	.	0	.	1	Jun 1988	<a href="#">get it</a>
ETSI publication	1995-01-01	3	.	0	.	1		<a href="#">get it</a>

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Page 1539

31 May 2005 21:15:20

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## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.0.1 *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

gsm4	2003-05-06	1	.	0	.	0	Sep 1988	<a href="#">get it</a>
gsm4	2003-05-06	1	.	1	.	0	Nov 1988	<a href="#">get it</a>
gsm4	2003-05-06	2	.	0	.	0		<a href="#">get it</a>
ETSI publication	1995-01-01	3	.	0	.	1		<a href="#">get it</a>

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## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph1 *current version:* 3.3.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

gsm	2003-05-06	1	.	0	.	0	Sep 1988	<a href="#">get it</a>
gsm	2003-05-06	2	.	0	.	0	Jan 1989	<a href="#">get it</a>
smg-05		3	.	2	.	0		
ETSI publication	1995-01-01	3	.	3	.	0	exists in PDF only	<a href="#">get it</a>

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## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph1 *current version:* 3.2.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

ETSI publication	1995-01-01	3	.	2	.	1		<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1540

31 May 2005 21:15:21

ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

Ph1 *current version:* 3.0.1 *WG (prime / other):* C6 / - *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* SMG9->T3@#31CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

1997-10-09 3 . 0 . 1 [get it](#)

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## TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

Ph1 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* #4: 3.2.2 #8: 3.3.0 #11: 3.4.0

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 4 . 0 [get it](#)

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## TS 03.70 Routeing of Calls to/from Public Data Networks (PDN)

Ph1 *current version:* 3.0.0 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm4 2003-05-06 1 . 0 . 0 Jul 1988 [get it](#)  
gsm4 2003-05-06 2 . 0 . 0 Sep 1988 [get it](#)  
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1541

31 May 2005 21:15:21

ACTIVE specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph1 *current version:* 3.2.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 2 . 1 [get it](#)

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## TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph1 *current version:* 3.2.1 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Ph1 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1542

31 May 2005 21:15:21

ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph1 *current version:* 3.0.1 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
G: yes U: MCC: JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 1

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## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph1 *current version:* 3.0.2 *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
G: yes U: MCC: JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Ph1 *current version:* 3.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
G: yes U: MCC: THOMASEN, Gert

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.



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Page 1543

31 May 2005 21:15:21

ACTIVE specs Ph1 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.04 Layer 1 - General Requirements

Ph1 current version: 3.3.4  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 0 . 0 . 0  
3 . 3 . 4

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## TS 04.05 Data Link (DL) Layer General Aspects

Ph1 current version: 3.1.5  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 5

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## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Ph1 current version: 3.9.0  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov

G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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Page 1544

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Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph1 *current version:* 3.3.3 *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 3 . 3 [get it](#)

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## TS 04.08 Mobile radio interface layer 3 specification

Ph1 *current version:* 3.14.0 *WG (prime / other):* C1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!)CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 13 . 0 [get it](#)  
ETSI publication 1997-09-15 3 . 14 . 0 [get it](#)

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## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph1 *current version:* 3.2.3 *WG (prime / other):* C4 / - *rapporteur:* SUBRAMANIAN, QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* Ramachandran KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1545

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Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph1 *current version:* 3.3.0 *WG (prime / other):* C1 / - *rapporteur:*  
*freeze\_meeting:* gsm-25b G: yes U: MCC: JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #5:3.3.0

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 3 . 0 [get it](#)

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## TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

Ph1 *current version:* 3.2.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 2 . 1 [get it](#)

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## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph1 *current version:* 3.4.0 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* gsm-25b G: yes U: MCC: HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm4 2003-05-06 2 . 0 . 0 Feb 1988 [get it](#)  
gsm4 2003-05-06 3 . 0 . 0 Feb 1988 [get it](#)  
gsm4 2003-05-06 3 . 1 . 0 Jun 1988 [get it](#)  
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Page 1546

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Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services**  
Ph1 *current version:* **Switching Centre (BSS - MSC) interface** 3.7.0 *WG (prime / other):* C3 /- *rapporteur:* KLEHN, Norbert  
SIEMENS AG

*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding**  
Ph1 *current version:* 3.2.0 *WG (prime / other):* C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3**  
Ph1 *current version:* 3.1.3 *WG (prime / other):* C4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1547

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## TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1 *current version:* 3.3.2 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 3 . 2 [get it](#)

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## TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph1 *current version:* 3.8.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-15 3 . 7 . 0  
smg-16 1995-01-01 3 . 8 . 0 [get it](#)

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Page 1548

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## TS 05.03 Channel coding

Ph1 *current version:* 3.6.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* #12: 3.6.1

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 6 . 1

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## TS 05.04 Modulation

Ph1 *current version:* 3.1.2  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 1 . 2

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## TS 05.05 Radio Transmission and Reception

Ph1 *current version:* 3.16.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-04 3 . 14 . 0

smg-06b 3 . 15 . 0

ETSI publication 1995-01-01 3 . 16 . 0

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Page 1549

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**TS 05.08 Radio subsystem link control**  
Ph1 *current version:* 3.8.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* *remarks - this release:* Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 8 . 0

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**TS 05.10 Radio subsystem synchronization**  
Ph1 *current version:* 3.5.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* *remarks - this release:* NOKIA MOBILE PHONES

*history (event, available, version, comments, hyperlink):*  
smg-04 1995-01-01 3 . 5 . 1

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Ph1 **06** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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Page 1550

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## TS 06.01 Full Rate Speech Processing Functions

Ph1 *current version:* 3.0.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 0

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## TS 06.10 Full Rate Speech Transcoding

Ph1 *current version:* 3.2.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar  
*G: yes U:* *MCC:* USAI, Paolino

PHILIPS Semiconductors

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 2 . 0

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## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph1 *current version:* 3.0.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William  
*G: yes U:* *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1551

31 May 2005 21:15:21

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## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.0.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 1

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## TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.1.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* *MCC:* USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 1 . 0

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## TS 06.32 Voice Activity Detection (VAD)

Ph1 *current version:* 3.0.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul

Indicate persons who left Company and wait for new One

*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1552

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Ph1 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**

Ph1 *current version:* 3.14.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm-20 3 . 2 . 0  
ETSI publication 1995-01-01 3 . 14 . 0

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**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**

Ph1 *current version:* 3.8.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #2: 3.8.0

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 8 . 0

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**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**

Ph1 *current version:* 3.4.0 *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #5: 3.4.0

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1553

31 May 2005 21:15:21

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Ph1 **08** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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**TS 08.01 General Aspects on the BSS-MSC Interface**

Ph1  
current version: 3.0.1  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 1

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**TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**

Ph1  
current version: 3.3.1  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 3 . 1

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**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**

Ph1  
current version: 3.0.3  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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Page 1554

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**TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Ph1 *current version:* 3.5.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 5 . 2 [get it](#)

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**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Ph1 *current version:* 3.10.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 0 [get it](#)  
ETSI publication 1995-01-01 3 . 10 . 1 [get it](#)

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**TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**  
Ph1 *current version:* 3.1.2 *WG (prime / other):* C3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* gsm-25b  
G: yes U: MCC: HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1555

31 May 2005 21:15:21

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**TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects**  
Ph1 *current version:* 3.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1995-01-01 3 . 0 . 2 [get it](#)

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**TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles**  
Ph1 *current version:* 3.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
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**TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits**  
Ph1 *current version:* 3.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b Skov  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
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Page 1556

31 May 2005 21:15:21

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**TS 08.56 BSC-BTS Layer 2; Specification**

Ph1  
current version: 3.1.1  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 1 . 1

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**TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**

Ph1  
current version: 3.6.0  
freeze\_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: MCC: THOMASEN, Gert

remarks - general:

remarks - this release: #10: 3.6.0

history (event, available, version, comments, hyperlink):

ETSI publication 1995-01-01 3 . 0 . 0  
smg-10 1995-01-01 3 . 6 . 0

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**TS 08.59 BSC-BTS O&M Signalling Transport**

Ph1  
current version: 3.1.0  
freeze\_meeting: gsm-25b

WG (prime / other): G1 / - rapporteur: VACANT,  
USAI, Paolino  
G: yes U: MCC:

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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Page 1557

31 May 2005 21:15:21

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**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
Ph1 *current version:* 3.3.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* gsm-25b  
G: yes U: *MCC:* USAI, Paolino  
*remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 - *remarks - this release:*  
> G1.

*history (event, available, version, comments, hyperlink):*  
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**TR 09.01 General Network Interworking Scenarios**  
Ph1 *current version:* 3.0.1 *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* gsm-25b G: yes U: *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
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Page 1558

31 May 2005 21:15:21

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## TS 09.02 Mobile Application Part (MAP) Specification

Ph1 *current version:* 3.11.0 *WG (prime / other):* C4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CN->N4 Apr00 (JMM)CP-27: change of WG as a result of closure of CN and *remarks - this release:*  
T.

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 0 . 0 [get it](#)  
ETSI publication 1991-02-11 3 . 8 . 0 [get it](#)  
smg-10 1994-06-14 3 . 9 . 0 [get it](#)  
1994-10-14 3 . 10 . 0 [get it](#)  
ETSI publication 1995-01-01 3 . 11 . 0 [get it](#)

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## TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

Ph1 *current version:* Network (PLMN) 3.0.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT  
Freetel Co., Ltd.

*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:*  
T.

*history (event, available, version, comments, hyperlink):*

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## TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

Ph1 *current version:* 3.0.1 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:*  
T.

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1559

31 May 2005 21:15:22

ACTIVE specs Ph1 09 .- series  
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## TS 09.05 Interworking between the PLMN and the PSPDN for PAD Access

Ph1 *current version:* 3.2.2 *WG (prime / other):* C3 / - *rapporteur:* HAN, Seung Don KT Freetel Co., Ltd.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* N3: "no R99 needed".CP-27: change of WG as a result of closure of CN and *remarks - this release:*  
T.

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 2 . 2 [get it](#)

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## TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone

Ph1 *current version:* Network (PSTN) 3.10.0 *WG (prime / other):* C3 /- *rapporteur:* BELLING, Thomas  
SIEMENS AG  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #5: 3.8.0 #9: 3.9.0 #14: 3.10.0

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 10 . 0 [get it](#)

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## TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1 *current version:* Procedures and the Mobile Application Part (MAP) 3.0.2 *WG (prime / other):* C4 /- *rapporteur:* KYMALAINEN, Kimmo  
TeliaSonera AB  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1560

31 May 2005 21:15:22

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## TS 09.11 Signalling Interworking for Supplementary Services

Ph1

*current version:* 3.0.1

*freeze\_meeting:* gsm-25b

*WG (prime / other):* C4 / -

*G:* yes *U:*

*rapporteur:* WIEHE, Ulrich

*MCC:*

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Ph1

11 .- series

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# 3GPP specification status

Page 1561

31 May 2005 21:15:22

ACTIVE specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10 Mobile Station Conformity Specification

Ph1  
current version: 3.23.1  
freeze\_meeting: gsm-25b

WG (prime / other): G3new/ S1 / rapporteur: LEGRAND, Walter EADS TELECOM  
G3ne  
w /  
NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

remarks - general:

remarks - this release:

### history (event, available, version, comments, hyperlink):

First complete draft	1992-01-01	1 . 0 . 0	<a href="#">get it</a>
gsm-27		3 . 1 . 0	
gsm-28		3 . 2 . 0	
gsm-29		3 . 3 . 0	
gsm-30		3 . 4 . 0	
gsm-31		3 . 5 . 0	
gsm-32		3 . 6 . 0	
smg-01		3 . 7 . 0	
smg-02		3 . 8 . 0	
smg-03		3 . 9 . 0	
smg-04bis		3 . 10 . 0	
smg-05		3 . 11 . 0	
smg-06		3 . 12 . 0	
smg-07		3 . 13 . 0	
smg-08 ?	1996-01-01	3 . 14 . 0	<a href="#">get it</a>
smg-08	1996-06-07	3 . 15 . 0	<a href="#">get it</a>
smg-09	1996-06-07	3 . 16 . 0	<a href="#">get it</a>
smg-10	1996-09-02	3 . 17 . 0	<a href="#">get it</a>
smg-11	1996-09-02	3 . 18 . 0	<a href="#">get it</a>
smg-12	1966-09-02	3 . 19 . 0	<a href="#">get it</a>
smg-13	1996-06-28	3 . 20 . 0	<a href="#">get it</a>
smg-15		3 . 21 . 0	
smg-16	1996-01-01	3 . 22 . 0	<a href="#">get it</a>
smg-20	1996-10-16	3 . 23 . 0	<a href="#">get it</a>
ETSI publication	1996-12-30	3 . 23 . 1	<a href="#">get it</a>

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Page 1562

31 May 2005 21:15:22

ACTIVE specs Ph1 11 .- series  
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**TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface**

Ph1 *current version:* 3.16.0 *WG (prime / other):* C6 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 3 . 3 [get it](#)  
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**TS 11.30 Mobile Services Switching Centre**

Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:* VACANT,  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 2 . 1 [get it](#)

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**TS 11.31 Home Location Register Specification**

Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:*  
*freeze\_meeting:* gsm-25b *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Page 1563

31 May 2005 21:15:22

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## TS 11.32 Visitor Location Register Specification

Ph1 *current version:* 3.2.1  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* GP / - *rapporteur:*  
*G: yes U:* MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

ETSI publication 1995-01-01 3 . 2 . 1

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## TS 11.40 GSM System Simulator specification

Ph1 *current version:* 3.7.0  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* G3new/ - *rapporteur:*  
*G: yes U:* MCC: BAEV, Stoyan

*remarks - general:*

*remarks - this release:* #2: 3.6.0 #11: 3.7.0

*history (event, available, version, comments, hyperlink):*

ETSI publication 1996-01-01 3 . 3 . 0

smg-02 3 . 6 . 0

smg-11 1996-01-01 3 . 7 . 0

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Ph1

12 .- series

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Page 1564

31 May 2005 21:15:22

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## TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1 *current version:* none  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G:* U: yes *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Ph1

TB .- series

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## TS TBR 5 General Attachment Requirements for GSM Mobile Stations

Ph1 *current version:* none  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David  
*G:* yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

MOTOROLA

*remarks - general:*

*remarks - this release:* #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

*history (event, available, version, comments, hyperlink):*

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## TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1 *current version:* none  
*freeze\_meeting:* gsm-25b

*WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David  
*G:* yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

MOTOROLA

*remarks - general:*

*remarks - this release:* #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1565

31 May 2005 21:15:22

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**TS 22.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 1)**  
*current version:* none *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile International AG  
*freeze\_meeting:* *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 2)**  
*current version:* none *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1566

31 May 2005 21:15:22

ACTIVE specs 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## WITHDR specs

<?>

<?> 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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<b>TR 34.801</b>	<b>(reserved for T1 RF group)</b>				
<?>	current version: none	WG (prime / other):	T1 /	rapporteur:	N, A
	freeze_meeting:				Indicate persons who left Company and wait for new One
remarks - general:	2002-09-16: -> 34.901.	G:	U: yes	MCC:	BAEV, Stoyan
				remarks - this release:	

history (event, available, version, comments, hyperlink):

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## Rel-7

Rel-7 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

# 3GPP specification status

Page 1568

31 May 2005 21:15:22

WITHDRAWN specs Rel-7 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.904 Support of SMS and MMS over generic 3GPP IP access**  
Rel-7 *current version:* none *WG (prime / other):* S2 / *rapporteur:* ZHANG, Wenlin HUAWEI TECHNOLOGIES Co. Ltd.  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* SP-25: WI in SP-040688. Post-SP-25, number changed to 23.804. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-7 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TR 24.879 Combining Circuit-Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions**  
Rel-7 *current version:* none *WG (prime / other):* C1 / *rapporteur:* WATSON, Mark Digital Fountain  
*freeze\_meeting:* G: U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* 2005-05-04: Seems a publicly available TR was required -> 24.979. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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Rel-7 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1569

31 May 2005 21:15:22

WITHDRAWN specs Rel-7 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.812 Requirements for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN)**  
Rel-7 *current version: none* *freeze\_meeting:* *WG (prime / other):* RP / R1, *rapporteur:* NAKAMURA, Takehiro NTT DoCoMo Inc.  
R2,  
R3,  
R4  
*G:* *U: yes* *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* RP-26: WID in RP-040461. Assistant rapporteur: Don Zelmer. FS in 25.912, *remarks - this release:* Post-RP-27: converted to xx.9xx series TR for increased visibility. Will be ratified RP-28.  
Post-RP-27: converted to xx.9xx series TR for increased visibility.

*history (event, available, version, comments, hyperlink):*

RP-27 2005-03-03 0 . 0 . 0 RP-050150

[get it](#)

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**TR 25.814 Provisionally reserved for: "Physical layer aspect for evolved UTRA"**  
Rel-7 *current version: none* *freeze\_meeting:* *WG (prime / other):* R1 / *rapporteur:* ABETA, Sadayuki NTT DoCoMo Inc.  
*G:* *U: yes* *MCC:* ISHII, Yoshikazu  
*remarks - general:* En attente. *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

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**TR 25.997 (provisionally reserved for: Remote control of electrical tilting antennas) - TP-20: number not used, became 25.802.**  
Rel-7 *current version: none* *freeze\_meeting:* *WG (prime / other):* R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH  
*G:* *U: yes* *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a xx.8xx number instead. RP-20: confirmed, so this one stopped *remarks - this release:* RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1570

31 May 2005 21:15:22

WITHDRAWN specs Rel-7 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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Rel-7 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.433 Telecommunication management; Performance measurement collection Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition**  
Rel-7 *current version: none* WG (prime / other): S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2005-04-04: Rapporteur indicates that this spec is abandoned and replaced *remarks - this release:*  
by 32,435.

*history (event, available, version, comments, hyperlink):*

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**TS 32.434 Telecommunication management; Performance measurement collection Integration Reference Point (IRP); Abstract Syntax Notation 1 (ASN.1) file format definition**  
Rel-7 *current version: none* WG (prime / other): S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2005-04-04: Rapporteur indicates that this spec is abandoned and replaced *remarks - this release:*  
by 32,436.

*history (event, available, version, comments, hyperlink):*

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## Rel-6

Rel-6 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1571

31 May 2005 21:15:22

WITHDRAWN specs Rel-6 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.104 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (Rel-6)

Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 6 specifications". SP-20: Superseded by 21.101 Rel-4. *remarks - this release:* SP-20: Superseded by 21.101 Rel-4.

*history (event, available, version, comments, hyperlink):*

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Rel-6 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.048 Security mechanisms for the (U)SIM application toolkit; Stage 1

Rel-6 *current version:* none *WG (prime / other):* C6 / S3 *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* TP-26 G: yes U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* TP-12: was previously 42.048.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Rel-6 record created on freezing the Release, December 2004. TP-26: decided no need for this spec beyond Rel-6 since subsumed by ETSI TS 102 224.

*history (event, available, version, comments, hyperlink):*

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## TR 22.976 Study on PS domain services and capabilities

Rel-6 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-04-07 Clayton: scrapped. *remarks - this release:* 2003-04-07 Clayton: scrapped.

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-28 2 . 0 . 0 SP-19: txverred from Rel-5 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1572

31 May 2005 21:15:22

WITHDRAWN specs Rel-6 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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Rel-6 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)**

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA  
*freeze\_meeting:* SP-26 *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred from S2 to N5 at N/SP-25. SP-27: Still with S2, but Rel-6 onwards -> 23.198 with N5 (see SP-050010). *remarks - this release:* SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6". 2004-08-30: Intention is to withdraw Rel-6 at SP-26, in favour of 23.198. SP-26: This spec will be withdrawn SP-27. SP-27: withdrawn!

*history (event, available, version, comments, hyperlink):*

SP-18 2003-01-10 6 . 0 . 0  
SP-24 2004-06-23 6 . 1 . 0

[get it](#)  
[get it](#)

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**TS 23.209 Policy control over Gq interface**

Rel-6 *current version:* none *WG (prime / other):* S2 / N3 *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation  
*freeze\_meeting:* *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* WI = IMS Phase 2 (UID 32021). 2004-02-20: responsibility N3 -> S2. 2004-04: S2 chairman indicates that there is no such spec (see 29.209). *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1573

31 May 2005 21:15:22

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)**

Rel-6 *current version:* none *WG (prime / other):* N4 / T2 *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* G: U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Cf work item 'Generic user profile'. NP-24/TP-24: txferred from T2 to N4. *remarks - this release:* RP-15: Delayed from Rel-5. 2004-11-16: N4 intends to withdraw this spec and replace with TR 23.941. NP-26: withdrawal confirmed.  
2004-11-16: N4 intends to withdraw this spec and replace with TR 23.941.  
NP-26: withdrawal confirmed.

*history (event, available, version, comments, hyperlink):*

draft	2002-05-28	0 . 3 . 0		<a href="#">get it</a>
draft		0 . 3 . 1		
draft		0 . 3 . 2		
draft		0 . 3 . 3		
draft		0 . 3 . 4		
draft		0 . 3 . 5		
draft		0 . 4 . 0		
draft		0 . 4 . 1		
draft		0 . 4 . 2		
draft	2003-09-12	0 . 4 . 3		<a href="#">get it</a>
TP-22	2004-01-05	1 . 0 . 0	TP-030271	<a href="#">get it</a>
draft		1 . 0 . 1	T2-040021	
TP-23 ex T2-24	2004-03-22	2 . 0 . 0	T2-040109 -> TP-040051	<a href="#">get it</a>
TP-23	2004-03-25	6 . 0 . 0		<a href="#">get it</a>
TP-24	2004-06-15	6 . 1 . 0	TP-26: withdrawn, replaced by 23.941.	<a href="#">get it</a>

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**TS 23.340 (reserved for:" IP Multimedia Subsystem (IMS) messaging; Stage 2")**

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1574

31 May 2005 21:15:22

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.825 Overall architecture aspects of IP flow based bearer level charging; Stage 2**

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* WILLIAMS, Brian Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* WI UID = 32030. SP-23: withdrawn, on bringing of 23.125 under change *remarks - this release:*  
control.

*history (event, available, version, comments, hyperlink):*

draft		0	.	1	.	0	
S2-29		0	.	2	.	0	
S2-30	2003-04-08	0	.	3	.	0	<a href="#">get it</a>
S2-31	2003-07-17	0	.	4	.	0	<a href="#">get it</a>
draft		0	.	4	.	1	
S2-32	2003-06-02	0	.	5	.	0	<a href="#">get it</a>
S2-33		0	.	6	.	0	
draft	2003-07-24	0	.	6	.	1	<a href="#">get it</a>
S2-34	2003-09-01	0	.	7	.	0	<a href="#">get it</a>
SP-21	2003-09-11	1	.	0	.	0	SP-030389 <a href="#">get it</a>
S2-35	2003-11-07	1	.	1	.	0	<a href="#">get it</a>
S2-36	2004-01-03	1	.	2	.	0	<a href="#">get it</a>
S2-36	2004-01-03	1	.	3	.	0	<a href="#">get it</a>
S2-37	2004-01-27	1	.	4	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1575

31 May 2005 21:15:22

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.876 Push architecture**

Rel-6 *current version:* none

*freeze\_meeting:*

*WG (prime / other):* S2 / - *rapporteur:* YOON, Sang-Ui

KT Freetel Co., Ltd.

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* 2003-02-04: -> 23.976

*remarks - this release:* 2003-02-04: -> 23.976

*history (event, available, version, comments, hyperlink):*

S2-29 0 . 0 . 0

S2-29 2003-02-03 0 . 0 . 1 2003-02-04: -> 23.976

[get it](#)

S2-31 0 . 1 . 0

S2-32 0 . 2 . 0

S2-33 0 . 3 . 0

S2-34 0 . 4 . 0

S2-35 2003-11-06 0 . 5 . 0

[get it](#)

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**TR 23.878 Impacts of speech-enabled services on IMS, PS and CS domains**

Rel-6 *current version:* none

*freeze\_meeting:*

*WG (prime / other):* S2 / *rapporteur:* XUAN, Qing

VODAFONE Group Plc

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-31: WI = SP-030539 2003-10-13: Turns out to be same document as 23.877.

*remarks - this release:* 2003-10-13: Turns out to be same document as 23.877.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1576

31 May 2005 21:15:22

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.881 Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice

*remarks - general:* SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert to 23.981. Agreed at S2-39. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	2003-10-14	0	.	0	.	0		<a href="#">get it</a>
S2-35	2003-11-03	0	.	1	.	0		<a href="#">get it</a>
S2-36	2004-01-03	0	.	2	.	0		<a href="#">get it</a>
S2-37	2004-01-26	0	.	3	.	0		<a href="#">get it</a>
S2-38		0	.	4	.	0		
SP-23	2004-03-22	1	.	0	.	0	SP-040048. Next appearance is as 23.981.	<a href="#">get it</a>

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## TR 23.898 Access Class Barring and Overload Protection (ACBOP)

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* DAVIDIAN, Jean-Jacques DoCoMo Europe S.A.  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice

*remarks - general:* SP-23: WI = SP-040042. SP-25: approval expected SP-26 or SP-27. *remarks - this release:* post SP-25: Work item to which this TR pertains is Rel-7, so this TR must therefore be Rel-7!

*history (event, available, version, comments, hyperlink):*

SP-24	2004-06-14	1	.	0	.	0	SP-040332	<a href="#">get it</a>
S2-41		1	.	1	.	0	S2-042910	
S2-42	2004-10-26	1	.	2	.	0	S2-043362	<a href="#">get it</a>
draft		1	.	3	.	0	S2-043837	

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1577

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.917 Dynamic policy control enhancements for End to end Quality of Service (QoS)**

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: yes U: yes *MCC:* POPE, Maurice  
*remarks - general:* Work Item: SP-020140 *remarks - this release:* SP-23: likely to be abandoned. SP-24: stopped, because contents is all in 23.207.

*history (event, available, version, comments, hyperlink):*

draft	2002-08-07	0	0	0		<a href="#">get it</a>
draft	2002-09-24	0	1	0		<a href="#">get it</a>
draft	2002-09-24	0	2	0		<a href="#">get it</a>
draft	2002-11-14	0	3	0		<a href="#">get it</a>
draft	2002-11-14	0	3	1		<a href="#">get it</a>
S2-28	2002-12-16	0	4	0		<a href="#">get it</a>
draft	2002-12-16	0	4	1		<a href="#">get it</a>
S2-29	2003-02-13	0	5	0		<a href="#">get it</a>
S2-29	2003-02-13	0	5	1		<a href="#">get it</a>
S2-30	2003-04-29	0	6	0		<a href="#">get it</a>
S2-31	2003-04-22	0	7	0	includes S2-031354, S2-031534, S2-031598	<a href="#">get it</a>
S2-33	2003-07-24	0	9	0		<a href="#">get it</a>
S2-34	2003-09-02	0	10	0		<a href="#">get it</a>
SP-21	2003-09-11	1	0	0	SP-030386	<a href="#">get it</a>
S2-35	2003-11-12	1	1	0		<a href="#">get it</a>
draft	2003-11-17	1	1	1		<a href="#">get it</a>
S2-37	2004-01-22	1	2	0		<a href="#">get it</a>

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**TR 23.964 Commonality and interoperability between IP Multimedia System (IMS) core networks**

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BERTENYI, Balazs NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* 2003-02-03: Renumbered to 23.864. *remarks - this release:* 2003-02-03: Renumbered to 23.864.

*history (event, available, version, comments, hyperlink):*

S2-29	2003-02-03	0	3	1	Renumbered to 23.864	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1578

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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Rel-6 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.802 Remote control of electrical tilting antennas**

Rel-6 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH  
*G:* U: yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* RP-19: WI = RP-030193. WI UID = 23010

*remarks - this release:* RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7. RP-21: In fact, the work item is in Rel-6, so for now, move it to Rel-6. (No draft visible yet.)

*history (event, available, version, comments, hyperlink):*

R3-36		0	.	1	.	0		
R3-37		0	.	1	.	1		
R3-37		0	.	2	.	0		
R3-38	2003-11-07	0	.	2	.	1		<a href="#">get it</a>
R3-39		0	.	3	.	0		
R3-39	2003-11-24	0	.	3	.	1	R3-031851	<a href="#">get it</a>
R3-40		0	.	3	.	2		
R3-41		0	.	4	.	0		
R3-41b		0	.	4	.	1		
R3-41b		0	.	4	.	2		
R3-41b	2004-04-05	0	.	4	.	3	R3-040670	<a href="#">get it</a>
RP-24	2004-06-14	1	.	0	.	0	RP-040185	<a href="#">get it</a>
RP-25	2004-09-20	2	.	0	.	0	RP-040305	<a href="#">get it</a>
RP-25	2004-09-24	6	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1579

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.867 Feasibility study for wideband distribution systems in 3rd generation networks**

Rel-6 *current version: none* *freeze\_meeting:* *WG (prime / other):* R4 / *rapporteur:* MATARASSO, Carlo Mikom - Andrew  
*G:* *U: yes* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6. RP-24: abandoned due to lack of interest.

*history (event, available, version, comments, hyperlink):*

RP-14 2002-01-02 1 . 0 . 0 inherited from Rel-5 [get it](#)

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**TR 25.869 Transmitter diversity solutions for multiple antennas**

Rel-6 *current version: none* *freeze\_meeting:* *WG (prime / other):* R1 / - *rapporteur:* KIM, Sung-Jin Samsung Electronics Ind. Co., Ltd.  
*G:* *U: yes* *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* RP-24: Superseded by other work (MIMO).

*history (event, available, version, comments, hyperlink):*

RP-15 2002-03-19 1 . 0 . 2 RP-020130 - RP-20: to Rel-6 [get it](#)

draft 1 . 1 . 0

draft 1 . 1 . 1

draft 2003-09-30 1 . 2 . 0 R1-030946 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1580

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.876 Multiple Input Multiple Output (MIMO) antennae in UTRA

Rel-6 *current version:* none *freeze\_meeting:* WG (prime / other): R1 / rapporteur: HUANG, Howard Lucent Technologies

G: U: yes MCC: ISHII, Yoshikazu

*remarks - general:* RP-20: reference to HSDPA removed from title

*remarks - this release:* Timed out of Rel-5. 2004-11-04:Timed out of Rel-6, must be Rel-7.

### *history (event, available, version, comments, hyperlink):*

R1-34	2003-11-03	1	.	1	.	1		<a href="#">get it</a>
post R1-34	2003-11-26	1	.	2	.	0	R1-031398	<a href="#">get it</a>
R1-36	2004-02-26	1	.	2	.	1	R1-040366	<a href="#">get it</a>
post R1-36	2004-02-26	1	.	3	.	0	R1-040366: many editorial problems yet to be fixed	<a href="#">get it</a>
R1-37	2004-05-07	1	.	3	.	1	R1-040603	<a href="#">get it</a>
RP-24	2004-05-24	1	.	4	.	0	R1-040637 or R1-040659	<a href="#">get it</a>
draft	2004-05-26	1	.	5	.	0	R1-040661	<a href="#">get it</a>
R1-38	2004-08-30	1	.	5	.	1		<a href="#">get it</a>

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## TR 25.893 Radio access bearer scenarios

Rel-6 *current version:* none *freeze\_meeting:* WG (prime / other): R2 / - rapporteur: MIKOLA, Juha NOKIA Corporation

G: U: yes MCC: ARZELIER, Claude

*remarks - general:* 2003-05-26: to be stopped.

*remarks - this release:* RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).  
2003-09-10 R2 proposes to abandon. RP-21: stopped

### *history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1581

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.897 Feasibility study on the evolution of UTRAN architecture**

Rel-6 *current version:* none *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* RP-26: item stopped, work will be done in Rel-7 UTRAN evolution activity. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2003-01-24 0 . 1 . 1 [get it](#)  
R3-36 2003-08-19 0 . 2 . 1 [get it](#)  
R3-38 2003-11-06 0 . 3 . 1 R3-031555 [get it](#)

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**TR 25.909 Enhanced uplink UTRA FDD; UTRAN lub/lur protocol aspects**

Rel-6 *current version:* none *WG (prime / other):* R3 / *rapporteur:* STOJANOVSKI, Sašo NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* 2004-08-04: Spec number reserved when initial draft received. 2004-08-27: WG indicates that no formal TR will be produced. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-08-04 0 . 0 . 1 [get it](#)

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**TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release**

Rel-6 *current version:* none *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: U: yes *MCC:* ARZELIER, Claude  
*remarks - general:* This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the notion of this TR, so stopped. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

rapporteur's first 0 . 0 . 0  
draft  
second draft with 2004-02-06 0 . 0 . 1 R2-040403, RP-040080 [get it](#)  
MCC revisions  
agreed by  
rapporteur

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# 3GPP specification status

Page 1582

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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Rel-6 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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**TS 27.150 (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")**  
Rel-6 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* MUDGE, John VODAFONE Group Plc  
*freeze\_meeting:* G: U: yes *MCC:* HAN, Seung Don  
*remarks - general:* Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional *remarks - this release:* provisional TP-18: rapporteur not confirmed.

*history (event, available, version, comments, hyperlink):*

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Rel-6 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.199 Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services**  
Rel-6 *current version:* none *WG (prime / other):* N5 / *rapporteur:* VAN RIJSEN, Erwin Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-24: split into parts. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft		0	.	0	.	1		
draft		0	.	0	.	2		
draft		0	.	0	.	3		
NP-22	2003-11-14	1	.	0	.	0	NP-030552	<a href="#">get it</a>
draft	2004-01-12	1	.	0	.	1	Added W3C WSDL representation of the APIs	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1583

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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Rel-6 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.108 Telecommunication management; Subscriber and equipment trace**

Rel-6 *current version:* none *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x and 52.008. *remarks - this release:* SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x and 52.008.

*history (event, available, version, comments, hyperlink):*

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**TS 32.173 Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker**

Rel-6 *current version:* **Architecture (CORBA) Solution Set (SS)** none *WG (prime / other):* S5 */ rapporteur:* ABA, Istvan T-Mobile  
AUSTRIA GmbH  
*freeze\_meeting:* SP-26 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-26: moved to Rel-7.

*history (event, available, version, comments, hyperlink):*

SP-27 1 . 0 . 0 SP-050034 for info

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**TS 32.350 Telecommunication management; Communication Surveillance (CS) requirements**

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)  
*freeze\_meeting:* G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* WI = OAM-NIM (UID 35014) 2003-12-05: S5 states that all contents moved to 32.351. *remarks - this release:* 2003-12-05: S5 states that all contents moved to 32.351.

*history (event, available, version, comments, hyperlink):*

SP-21 2003-09-29 1 . 0 . 0 SP-030422. 2003-12-05: S5 states that [get it](#)  
all contents moved to 32.351.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1584

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.431 Telecommunication management; Performance measurement collection Integration Reference Point (IRP); Requirements**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-25: Timed out of Rel-6

*history (event, available, version, comments, hyperlink):*

SP-24 2004-06-14 1 . 0 . 0 SP-040274

[get it](#)

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**TS 32.433 Telecommunication management; Performance measurement collection Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2005-04-04: Rapporteur indicates that this spec is abandoned and replaced by 32,435. *remarks - this release:* SP-25: Timed out of Rel-6.

*history (event, available, version, comments, hyperlink):*

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**TS 32.681 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Requirements**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-26: moved to Rel-7.

*history (event, available, version, comments, hyperlink):*

SP-21 2003-09-29 1 . 0 . 0 SP-030426

[get it](#)

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# 3GPP specification status

Page 1585

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.682 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-27: moved to Rel-7

*history (event, available, version, comments, hyperlink):*

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**TS 32.683 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-26: moved to Rel-7.

*history (event, available, version, comments, hyperlink):*

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**TS 32.684 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-26 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-26: moved to Rel-7.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1586

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.731 Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**  
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

*history (event, available, version, comments, hyperlink):*

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**TS 32.732 Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**  
Rel-6 *current version:* Information Service (IS) none *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

*history (event, available, version, comments, hyperlink):*

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**TS 32.733 Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common**  
Rel-6 *current version:* Object Request Broker Architecture (CORBA) Solution Set (SS) none *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan Lucent Technologies Network Systems UK  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1587

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.734** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common  
Rel-6 current version: Management Information Protocol (CMIP) Solution Set (SS) noneWG (prime / other): S5 /- rapporteur: RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting: G: U: yes MCC: ZOICAS, Adrian  
remarks - general: remarks - this release: SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

history (event, available, version, comments, hyperlink):

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**TS 32.735** Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):  
Rel-6 current version: eXtensible Markup Language (XML) file format definition noneWG (prime / other): S5 /- rapporteur: RAO, Mohan Lucent  
Technologies Network Systems UK

freeze\_meeting: G: U: yes MCC: ZOICAS, Adrian  
remarks - general: remarks - this release: SP-25: Timed out of Rel-6. IMS Network Resource Model (NRM) included in existing Core NRM (32.63x) via CR.

history (event, available, version, comments, hyperlink):

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Rel-6 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1588

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TS 33.109 Bootstrapping of application security using AKA and support for subscriber certificates; System description

Rel-6 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* HAUKKA, Tao NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* WI = SEC1-SC (UID 33002) *remarks - this release:* S3-30: to be split into four separate documents.

*history (event, available, version, comments, hyperlink):*

S3-27 0 . 1 . 0  
S3-28 0 . 2 . 0  
S3-29 2003-09-11 0 . 3 . 0

[get it](#)

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## TR 33.878 Security aspects of early IMS

Rel-6 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* HOWARD, Peter VODAFONE Group Plc  
*freeze\_meeting:* G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* SP-25: WI = SP- 040691. SP-26: Converted to 33.978. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 0 . 0 . 0  
based on input 0 . 0 . 1  
from S3-040264  
and S3-040265

S3-34 0 . 0 . 2  
S3-35 2004-10-26 0 . 0 . 3  
SP-26 2004-12-21 1 . 0 . 0

SP-040866 for approval; not approved,  
becomes 33.978

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1589

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.910**    **3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution**  
Rel-6    *current version:* none    *WG (prime / other):* S3 /    *rapporteur:* N, A    Indicate persons who left Company and wait for new  
*freeze\_meeting:*    *G:*    *U:* yes    *MCC:*    CLAYTON, Michael    One  
*remarks - general:*    WI = NDS Authentication Framework (approved SP-16). 2002-07-22:    *remarks - this release:*  
decided not to publish, so -> 33.810.

*history (event, available, version, comments, hyperlink):*

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# 3GPP specification status

Page 1590

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33.917 (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces

Rel-6 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* YAQUB, Raziq Toshiba Corporation, Digital Media Network Company  
*freeze\_meeting:* G: yes U: yes *MCC:* CLAYTON, Michael

*remarks - general:* Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that the TR is to be internal, so number changed to 33.817. *remarks - this release:* Original WID = SP-030341 2003-11-26: S3 Secretary indicates that the TR is to be internal, so number changed to 33.817.

### *history (event, available, version, comments, hyperlink):*

draft		0 . 0 . 1		
TOC enhanced, Requirements & threat analysis added		0 . 0 . 2		
More expansion on Issues 1, 4 and 5. Reference Architecture added. Also other updates.		0 . 4 . 0		
Further comments incorporated and also some editorial improvements		0 . 5 . 0		
Some comments accommodated, and editorial changes, clean up done	2003-07-25	0 . 6 . 0	TR number awarded.	<a href="#">get it</a>
draft	2003-10-13	0 . 7 . 0		<a href="#">get it</a>
	2003-11-03	0 . 7 . 3		<a href="#">get it</a>

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Rel-6 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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# 3GPP specification status

Page 1591

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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**TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system (Rel-6)**  
Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 *remarks - this release:* SP-20: Superseded by 41.101 Rel-6.  
Rel-6.

*history (event, available, version, comments, hyperlink):*

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**TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS**  
Rel-6 *current version:* none *WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* Renumbered to 45.811. *remarks - this release:* Renumbered to 45.811.

*history (event, available, version, comments, hyperlink):*

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Rel-6 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1**  
Rel-6 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* DIETRICH, Christian Axalto S.A.  
*freeze\_meeting:* *G: yes U:* *MCC:* LENHART, Gabriele  
*remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102 240.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1592

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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Rel-6 **45** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

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**TS 45.015 Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines**

Rel-6 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* ESCULIER, Carole NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* GP-23 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* 2005-05-10: From Rel-6 onwards, requirements can be found in 45.005 & 24.008. *remarks - this release:* GP-21: GP-041928 contains independent drafts for R99, Rel-4 and Rel-5 (!). 2005-05-10: Rapporteur indicates that this spec is not required for Rel-6, since requirements are already contained in Rel-6 versions of 45.005 / 24.008

*history (event, available, version, comments, hyperlink):*

GP-23 2005-02-11 6 . 0 . 0 2005-05-10: withdrawn (to be confirmed [get it](#) GP-25)

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**TS 45.202 reserved for radio spec "Flexible layer 1" based on 45.902**

Rel-6 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-6 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1593

31 May 2005 21:15:23

WITHDRAWN specs Rel-6 49 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
Rel-6 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* Skov  
G: yes U: *MCC:* JURISIC, Andrijana

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-6 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.226 Specification of the A5/4 encryption algorithms for GSM and ECSD, and the GEA4 encryption algorithm for GPRS; Document 1: A5/4 and GEA4 specification**  
Rel-6 *current version:* none *WG (prime / other):* S3 / *rapporteur:* CHRISTOFFERSSON, PerTeliaSonera AB  
*freeze\_meeting:* G: yes U: *MCC:* CLAYTON, Michael

*remarks - general:* Work item UID = 1571 (SEC1) *remarks - this release:* SP-23: likely that this will -> Rel-7. SP-24: agreed to shift to Rel-7.

*history (event, available, version, comments, hyperlink):*

draft 0 . 1 . 0  
SP-23 2004-03-22 1 . 0 . 0 SP-040170 - draft not available on specs [get it](#)  
server due to French export control  
restrictions

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## Rel-5

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1594

31 May 2005 21:15:23

WITHDRAWN specs Rel-5 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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Rel-5 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TS 21.103 3rd Generation mobile system Release 5 specifications**

Rel-5 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-16 G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* SP-20: Superseded by 21.101 Rel-5. *remarks - this release:* SP-20: Superseded by 21.101 Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-12		0	.	0	.	0		SP-010275	
SP-12	2001-07-05	0	.	1	.	0		SP-010381	<a href="#">get it</a>
SP-13	2001-10-01	1	.	0	.	0		SP-010418	<a href="#">get it</a>
SP-15	2002-03-19	1	.	1	.	0		SP-020095	<a href="#">get it</a>
SP-15	2002-03-19	1	.	2	.	0		SP-020202	<a href="#">get it</a>
SP-16		2	.	0	.	0			
SP-16		2	.	1	.	0		SP-020274	
SP-16		2	.	2	.	0		SP-020401	
SP-16	2002-06-19	5	.	0	.	0		SP-020411	<a href="#">get it</a>
SP-17	2002-09-18	5	.	1	.	0			<a href="#">get it</a>
SP-18	2003-01-03	5	.	2	.	0			<a href="#">get it</a>
SP-19	2003-03-27	5	.	3	.	0			<a href="#">get it</a>
SP-20	2003-06-25	5	.	4	.	0		withdrawn -> 21.101	<a href="#">get it</a>

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**TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture**

Rel-5 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-16 G: U: yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* SP-20: -> Rel-6.

*history (event, available, version, comments, hyperlink):*

draft	2002-04-15	0	.	2	.	0			<a href="#">get it</a>
draft	2002-08-14	0	.	4	.	0			<a href="#">get it</a>
draft	2002-09-17	0	.	5	.	0			<a href="#">get it</a>
draft	2002-12-16	0	.	6	.	0			<a href="#">get it</a>
draft	2003-02-24	0	.	7	.	0		-> Rel-6	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1595

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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Rel-5 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.141 Presence service; Stage 1**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Technology Resources Inc.  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-16: moved to Rel-6

*history (event, available, version, comments, hyperlink):*

SP-12	2001-06-27	1	.	0	.	0	SP-010364 (replaces SP-010265)	<a href="#">get it</a>
SP-13	2001-10-01	2	.	0	.	0	SP-010444	<a href="#">get it</a>
SP-13	2001-10-05	5	.	0	.	0		<a href="#">get it</a>
SP-14	2002-01-10	5	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-28	5	.	2	.	0	TP-16: moved to Rel-6	<a href="#">get it</a>

---

**TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (3)  
*G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.

*remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-13	2001-10-01	2	.	0	.	0	SP-010443	<a href="#">get it</a>
SP-13	2001-10-05	5	.	0	.	0		<a href="#">get it</a>
SP-14	2002-01-10	5	.	1	.	0		<a href="#">get it</a>
SP-15	2002-03-28	5	.	2	.	0	SP-16: withdrawn.	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1596

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.174 Push service; Stage 1**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* SP-15: Timed out of Rel-5.

*history (event, available, version, comments, hyperlink):*

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**TS 22.240 Service requirements for 3GPP Generic User Profile (GUP); Stage 1**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / *rapporteur:* BISCHINGER, Kurt T-Mobile AUSTRIA GmbH  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Cf work item "Generic user profile"

*remarks - this release:* SP-15: Delayed to Rel-6

*history (event, available, version, comments, hyperlink):*

draft 0 . 5 . 0 S1-020186

---

**TS 22.243 Speech recognition framework for automated voice services; Stage 1**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15

*WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* WI UID = 31006

*remarks - this release:* SP-15: Delayed to Rel-6.

*history (event, available, version, comments, hyperlink):*

S1 draft 0 . 0 . 2  
SP-14 2002-01-02 1 . 0 . 0 SP-010680

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1597

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.928 IP-based multimedia services examples**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* 2003-04-07 Clayton: scrapped.

*WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - this release:* 2003-04-07 Clayton: scrapped.

*history (event, available, version, comments, hyperlink):*

---

**TR 22.941 IP based multimedia framework; Stage 0**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* 2003-04-07 Clayton: scrapped.

*WG (prime / other):* S1 / *rapporteur:* WOHLERT, Randolph SBC Technology Resources Inc.  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - this release:* TP-16: likely to drop out of Rel-5 if no progress soon. SP-18: annex C presented at "evolution" workshop (EV-020021). 2003-04-07 Clayton: scrapped.

*history (event, available, version, comments, hyperlink):*

draft 2001-07-05 0 . 1 . 0 [get it](#)  
SP-12 2001-07-05 0 . 2 . 4 S1-010359, SP-010359 - not seen by SA1. [get it](#)  
draft 2001-10-15 0 . 4 . 1 [get it](#)  
SP-14 2002-01-02 0 . 7 . 0 NP-010701 (!) [get it](#)

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**TR 22.946 Broadcast and multicast services**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*remarks - general:* Replaced by 22.146.

*WG (prime / other):* S1 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - this release:* To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-27 1 . 0 . 0 SP-010267 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1598

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TR 22.976 Study on PS domain services and capabilities

Rel-5 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-04-07 Clayton: scrapped. *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-28 2 . 0 . 0 transferred from Rel-4. [get it](#)

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Rel-5 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann. *remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

*history (event, available, version, comments, hyperlink):*

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## TS 23.121 Architectural requirements for Release 1999

Rel-5 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.

*history (event, available, version, comments, hyperlink):*

SP-09 5 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1599

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.174 Push service; stage 2**

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc  
*freeze\_meeting:* *G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to reserve the number just in case ...".  
*remarks - this release:* SP-17: Rel-5 -> Rel-6 to accord with stage 1.

*history (event, available, version, comments, hyperlink):*

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**TS 23.178 customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2**

Rel-5 *current version:* none *WG (prime / other):* N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* 2001-10-26: renumbered to 23.278.  
*remarks - this release:* 2001-10-26: renumbered to 23.278.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1600

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)**

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* KOSKINEN, Harri Nokia Telecommunications Inc.  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Cf work item 'Generic user profile' *remarks - this release:* -> Rel-6

*history (event, available, version, comments, hyperlink):*

draft		0 . 2 . 0	
draft		0 . 3 . 0	
S2-23		0 . 4 . 0	
post S2-23		0 . 4 . 1	
S2-25		0 . 5 . 1	
S2-26		0 . 6 . 0	
S2-26		0 . 6 . 1	
S2-27		0 . 7 . 0	
S2-27		0 . 7 . 1	
S2-28		0 . 8 . 0	
post S2-28		0 . 9 . 0	
S2-29		0 . 10 . 0	
post S2-29		0 . 11 . 0	
SP-19	2003-03-24	0 . 12 . 0	<a href="#">get it</a>

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**TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)**

Rel-5 *current version:* none *WG (prime / other):* N4 / T2 *rapporteur:* KOZA, Yvette T-Mobile International AG  
*freeze\_meeting:* TP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Cf work item 'Generic user profile'. NP-24/TP-24: txferred from T2 to N4. *remarks - this release:* TP-15: Delayed to Rel-6.  
2004-11-16: N4 intends to withdraw this spec and replace with TR 23.941.  
NP-26: withdrawal confirmed.

*history (event, available, version, comments, hyperlink):*

draft		0 . 1 . 0	
draft		0 . 2 . 0	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1601

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (3)  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in *remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5.  
23.846.

*history (event, available, version, comments, hyperlink):*

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## TR 23.841 Presence service architecture

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* BERTENYI, Balazs NOKIA Corporation  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* -> Rel-6

*history (event, available, version, comments, hyperlink):*

draft	2002-01-21	0	.	3	.	0		<a href="#">get it</a>
draft		0	.	5	.	0		
SP-15	2002-03-19	1	.	0	.	0	SP-020156	<a href="#">get it</a>
S2-24		1	.	1	.	0		

---

## TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (3)  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* This is a preparatory report which may result in the creation of a stage 2 TS *remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5.  
23.246.

*history (event, available, version, comments, hyperlink):*

draft	2002-01-03	0	.	0	.	1		<a href="#">get it</a>
S2-22	2002-01-22	0	.	1	.	0		<a href="#">get it</a>
draft	2002-03-19	0	.	2	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1602

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.908 Technical report on Pre-Paging**

Rel-5 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

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**TR 23.909 Technical report on the Gateway Location Register**

Rel-5 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo  
Chalmers

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

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**TR 23.911 Technical report on Out-of-band transcoder control**

Rel-5 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* NP-15 G: yes U: yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1603

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.912 Technical report on Super-Charger

Rel-5 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

*history (event, available, version, comments, hyperlink):*

NP-16 5 . 0 . 0 2002-06-21: Kymalainen: no need to upgrade to Rel-5.

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## TR 23.915 Charging implications of IMS architecture

Rel-5 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* POPE, Maurice  
*remarks - general:* 2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so! *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TR 23.955 Virtual Home Environment (VHE) concepts

Rel-5 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* SP-16 *G: U: yes* *MCC:* POPE, Maurice  
*remarks - general:* SP-20: stopped *remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

draft 2001-01-08 0 . 0 . 0  
draft 2001-01-24 0 . 1 . 0

[get it](#)  
[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1604

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.974 Support of push service

Rel-5 *current version:* none

*freeze\_meeting:* SP-15

*WG (prime / other):* S2 / *rapporteur:* UDA, Nobuyuki NTT COMWARE Corporation

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-13: changed number to 23.875.

*remarks - this release:* May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.

*history (event, available, version, comments, hyperlink):*

SP-13 2001-10-01 2 . 0 . 0 SP-010508 - approved as 23.875 [get it](#)

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Rel-5 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3

Rel-5 *current version:* none

*freeze\_meeting:* TP-16

*WG (prime / other):* C4 / T2 *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

*G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Cf work item "Generic user profile" - may be renumbered to 27.241. NP-24/TP-24: txferred from T2 to N4.CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

*history (event, available, version, comments, hyperlink):*

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Rel-5 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1605

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description**

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* RP-13: This TR has been replaced by TS 25.308.

*history (event, available, version, comments, hyperlink):*

RP-12 2001-06-19 1 . 0 . 0 RP-010345 [get it](#)  
RP-13 2001-10-01 2 . 0 . 0 RP-010562 [get it](#)  
RP-13 2001-10-02 5 . 0 . 0 [get it](#)

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**TR 25.856 High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects**

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* 2003-05-26: stopped

*remarks - this release:* 2003-05-26: stopped

*history (event, available, version, comments, hyperlink):*

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**TR 25.857 UE positioning enhancements**

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* 2003-05-26: stopped

*remarks - this release:* 2003-05-26: stopped

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1606

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.861 RNC - SMLC location protocol**  
Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* ARZELIER, Claude  
*remarks - general:* RP-15: abandoned in favour of directly writing the stage 3 spec. *remarks - this release:* RP-15: abandoned in favour of directly writing the stage 3 spec.

*history (event, available, version, comments, hyperlink):*

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**TR 25.867 Feasibility study for wideband distribution systems in 3rd generation networks**  
Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* MATARASSO, Carlo Mikom - Andrew  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* *remarks - this release:* 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.

*history (event, available, version, comments, hyperlink):*

RP-14	2002-01-02	1	.	0	.	0	RP-010794	<a href="#">get it</a>
R4-29		1	.	3	.	0	R4-030934	

---

**TR 25.869 Transmitter diversity solutions for multiple antennas**  
Rel-5 *current version:* none *WG (prime / other):* R1 / - *rapporteur:* KIM, Sung-Jin Samsung Electronics Ind. Co., Ltd.  
*freeze\_meeting:* RP-15 G: U: yes *MCC:* ISHII, Yoshikazu  
*remarks - general:* *remarks - this release:* RP-20: to Rel-6.

*history (event, available, version, comments, hyperlink):*

draft		0	.	1	.	0		
draft		0	.	1	.	1		
RP-12	2001-06-28	1	.	0	.	0	RP-010344	<a href="#">get it</a>
RP-13	2001-10-01	1	.	0	.	1	RP-010637	<a href="#">get it</a>
RP-15	2002-03-19	1	.	0	.	2	RP-020130 - RP-20: to Rel-6	<a href="#">get it</a>
draft	2003-10-08	1	.	2	.	0	R1-030946	<a href="#">get it</a>
draft	2004-03-01	1	.	2	.	1	R1-040396	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1607

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.876 Multiple Input Multiple Output (MIMO) antennae in UTRA

Rel-5 *current version:* none *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ISHII, Yoshikazu  
*remarks - general:* RP-20: reference to HSDPA removed from title *remarks - this release:* 2003-11-03: Timed out of Rel-5, must be Rel-6.

### *history (event, available, version, comments, hyperlink):*

R1-21		0	.	0	.	0		R1-010879	
RP-14	2002-01-02	1	.	0	.	0		RP-010796	<a href="#">get it</a>
R1-24		1	.	0	.	1		R1-020486	
RP-15	2002-07-31	1	.	1	.	0		RP-020240	<a href="#">get it</a>
RP-24		1	.	5	.	0		(not presented at meeting)	
R1-38		1	.	5	.	1			
R1-38		1	.	6	.	0		R1-041021	
draft	2004-08-30	1	.	6	.	1			<a href="#">get it</a>
draft	2004-09-20	1	.	7	.	0		R1-041057	<a href="#">get it</a>

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## TR 25.885 UMTS 1800 / 1900 MHz work items report

Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* NUMMINEN, Jussi NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* RP-17: withdrawn. RP-18 unwithdrawn. *remarks - this release:* RP-17: withdrawn.

### *history (event, available, version, comments, hyperlink):*

RP-13	2001-10-01	1	.	0	.	0		RP-010672. RP-17: withdrawn.	<a href="#">get it</a>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1608

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.886 Small technical enhancements and improvements work item**

Rel-5 *current version:* none  
*freeze\_meeting:* RP-15

*WG (prime / other):* R4 / *rapporteur:* KWAK, Joe INTERDIGITAL COMMUNICATIONS CORPORATION  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* RP-17: withdrawn.

*history (event, available, version, comments, hyperlink):*

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**TR 25.887 Beamforming enhancements**

Rel-5 *current version:* none  
*freeze\_meeting:* RP-15

*WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co, Ltd  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:*

*remarks - this release:* RP-15: Deferred to Rel-6.

*history (event, available, version, comments, hyperlink):*

R1-22 0 . 0 . 1 R1-011342  
RP-14 (ex R1-22) 2001-12-07 1 . 0 . 0 R1-040188

[get it](#)

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**TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD**

Rel-5 *current version:* none  
*freeze\_meeting:* RP-16

*WG (prime / other):* R1 / - *rapporteur:* LI, Xiaoqiang Indicate persons who left Company and wait for new  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu One

*remarks - general:*

*remarks - this release:* -> Rel-6

*history (event, available, version, comments, hyperlink):*

RP-17 2002-09-24 1 . 0 . 0 RP-020508

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1609

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.890 High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)**

Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* FERNANDES, Edgar MOTOROLA A/S  
*freeze\_meeting:* SP-15 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* RP-22: Went off the boil after RP-16. No need for it any more.

*history (event, available, version, comments, hyperlink):*

draft 0 . 0 . 0  
RP-16 2002-06-26 1 . 0 . 0 RP-020376

[get it](#)

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**TR 25.893 Radio access bearer scenarios**

Rel-5 *current version:* none *WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*freeze\_meeting:* RP-19 G: U: yes *MCC:* ARZELIER, Claude

*remarks - general:* 2003-05-26: to be stopped.

*remarks - this release:* 2003-05-26: to be stopped, relevant parts to be moved to 25.993. RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1610

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.951 Base Station (BS) classification (FDD)**

Rel-5 *current version:* none  
*freeze\_meeting:* RP-16

*WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation  
Tuomo  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.

*history (event, available, version, comments, hyperlink):*

RP-13	2001-10-01	1 . 1 . 0	moved from Rel-4	<a href="#">get it</a>
R4-23		1 . 2 . 0	R4-020688	
R4-24		1 . 3 . 0	R4-021073, R4-021376, R4-021377	
R4-25		1 . 4 . 0	R4-021430 et al	
draft		1 . 4 . 1		
R4-26		1 . 5 . 0	R4-021695 et al	
R4-26		1 . 5 . 1	R4-030210	

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**TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release**

Rel-5 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the notion of this TR, so stopped.

*remarks - this release:* No technical contents, merely a pointer to the latest Release version.

*history (event, available, version, comments, hyperlink):*

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Rel-5 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1611

31 May 2005 21:15:24

WITHDRAWN specs Rel-5 27 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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## TS 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.  
*freeze\_meeting:* TP-15 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this spec is scrapped. *remarks - this release:* TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

*history (event, available, version, comments, hyperlink):*

TP-10 2001-01-05 0 . 1 . 1 SP-000657

[get it](#)

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## TS 27.226 Global Text telephony (GTT);Terminal aspects

Rel-5 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* TP-15 *G:* yes *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* SP-16: to "GERAN" set. *remarks - this release:* WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

*history (event, available, version, comments, hyperlink):*

---

## TS 27.241 3GPP generic user profile requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none *WG (prime / other):* T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* 2003-01-31: T2 Secretary confirmst that this spec is scrapped. *remarks - this release:* 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

*history (event, available, version, comments, hyperlink):*

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Rel-5 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1612

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none *WG (prime / other):* C3 / *rapporteur:* HOLLAND, Nigel O2 plc  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-19: to Rel-6

### history (event, available, version, comments, hyperlink):

N3-16		0	.	0	.	0		
N3-17	2001-06-01	0	.	1	.	0		<a href="#">get it</a>
N3-18		0	.	2	.	0		
N3-19	2001-11-08	0	.	3	.	0		<a href="#">get it</a>
N3-20	2002-01-14	0	.	4	.	0		<a href="#">get it</a>
draft		0	.	5	.	0		
N3-21		0	.	6	.	0		
draft	2002-02-18	0	.	6	.	1		<a href="#">get it</a>
NP-15	2002-03-19	1	.	0	.	0	NP-020076	<a href="#">get it</a>

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## TS 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-5 *current version:* none *WG (prime / other):* C3 / *rapporteur:* BELLING, Thomas SIEMENS AG  
*freeze\_meeting:* NP-18 *G: yes U: yes* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* NP-16: shifted to Rel-6.

### history (event, available, version, comments, hyperlink):

N3-16		0	.	0	.	0		
N3-17	2001-06-01	0	.	1	.	0	N3-010185, N3-010199, N3-010201 and N3-010210	<a href="#">get it</a>
N3-18		0	.	2	.	0	N3-010312, N3-010315	
N3-19	2001-11-09	0	.	3	.	0	N3-010462, N3-010427	<a href="#">get it</a>
NP-14	2002-01-02	1	.	0	.	0	NP-010565	<a href="#">get it</a>
N3-21		1	.	1	.	0		
NP-15	2002-02-18	1	.	2	.	0	NP-020077 ex N3-21	<a href="#">get it</a>
editorials		1	.	2	.	1		
N3-23		1	.	3	.	1	N3-020441	

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1613

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control Service Capability Feature (SCF)

Rel-5 *current version:* none *WG (prime / other):* C5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Split into sub-parts.

*history (event, available, version, comments, hyperlink):*

NP-16 5 . 0 . 0 Interim step; not to be produced. See sub-parts.

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## TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 - ES 202 915-9. *remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

*history (event, available, version, comments, hyperlink):*

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## TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4 - ES 202 915-10. *remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1614

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.203 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)**  
Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* superseded by 29.903 *remarks - this release:* . TSG#11:creation; superseded by 29.903

*history (event, available, version, comments, hyperlink):*

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**TS 29.226 reserved**  
Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* VACANT,  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* *remarks - this release:* WI approved TSG#7

*history (event, available, version, comments, hyperlink):*

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**TS 29.240 3GPP Generic User Profile (GUP); Stage 3; Network**  
Rel-5 *current version:* none *WG (prime / other):* C4 / *rapporteur:* KAUNTOLA, Seppo Nokia Networks Oyj  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Cf work item "Generic user profile" - may be renumbered to 27.241CP-27: *remarks - this release:* 2002-03-05: Delayed to Rel-6.  
change of WG as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1615

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards**

Rel-5 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* RP-19: stopped. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TR 29.998-04-2 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2: INAP**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-14 stopped.

*history (event, available, version, comments, hyperlink):*

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**TR 29.998-04-3 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* 2003-01-15: abandoned by N5

*history (event, available, version, comments, hyperlink):*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1616

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TR 29.998-05-2 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2: INAP mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* 2003-01-15: abandoned by N5

*history (event, available, version, comments, hyperlink):*

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**TR 29.998-05-3 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* 2003-01-15: abandoned by N5

*history (event, available, version, comments, hyperlink):*

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Rel-5 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)**

Rel-5 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series *remarks - this release:* NP-18: Evidently Rel-5 is indeed required!  
UMTS studies.

*history (event, available, version, comments, hyperlink):*

NP-18 2003-01-07 5 . 0 . 0 NP-19: renumbered to 30.902. [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1617

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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Rel-5 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications**

Rel-5 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* MARTIN, Florence Axalto S.A.  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* additional rapporteur: Florence Martin.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-15 2002-03-19 0 . 0 . 2 TP-020031 [get it](#)  
TP-15 2002-03-19 1 . 0 . 0 TP-020075 [get it](#)

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**TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications**

Rel-5 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* MARTIN, Florence Axalto S.A.  
*freeze\_meeting:* TP-16 *G:* yes *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* additional rapporteur: Florence MartinCP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-15 2002-03-19 0 . 1 . 0 TP-020032 [get it](#)  
TP-15 2002-03-19 1 . 0 . 0 TP-020076 [get it](#)

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**TS 31.123 (Universal) Subscriber Interface Module ((U)SIM) toolkit interpreter test**

Rel-5 *current version:* none *WG (prime / other):* T3 / *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* *G:* *U:* yes *MCC:* THOMASEN, Gert  
*remarks - general:* WI @ T3-01 0338, UID = 2518 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 2004-03-22 0 . 3 . 0 T3-030912 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1618

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API

Rel-5 *current version:* none *WG (prime / other):* C6 / *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* TP-16

*G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* Test spec is 34.131.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-17: Clear that the spec is Rel-6 not Rel-5.

*history (event, available, version, comments, hyperlink):*

TP-14 2002-01-02 1 . 0 . 0 TP-010249 [get it](#)

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## TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 *current version:* none *WG (prime / other):* C6 / *rapporteur:* KALINER, Stefan T-Mobile International AG  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-26: withdrawn, will continue Rel-6.

*history (event, available, version, comments, hyperlink):*

TP-15 2002-03-28 5 . 0 . 0 [get it](#)  
TP-16 2002-06-19 5 . 1 . 0 [get it](#)  
TP-19 2003-03-26 5 . 2 . 0 [get it](#)  
TP-21 2003-09-29 5 . 3 . 0 [get it](#)  
TP-22 2004-01-12 5 . 4 . 0 [get it](#)  
TP-25 2004-09-29 5 . 5 . 0 [get it](#)

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Rel-5 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1619

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-5 *current version:* none *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* SP-16 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411, 32..42x and 52.008. *remarks - this release:* SP-15: Partial service only.

*history (event, available, version, comments, hyperlink):*

draft 2001-11-08 0 . 0 . 1 [get it](#)  
draft 2002-02-26 0 . 1 . 0 [get it](#)

---

## TS 32.112 Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service

Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-15: stopped, no draft ever having been produced. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 32.113 Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-15: stopped, no draft ever having been produced. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1620

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.114 Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set**

Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-15: stopped, no draft ever having been produced. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 32.140 Telecommunication management; Subscription Management (SuM) requirements**

Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* ISLIP, John Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-16 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* 2004-03-29: S5 Project Manager: "services operations management" removed from title. *remarks - this release:* SP-15: move to Rel-6.

*history (event, available, version, comments, hyperlink):*

draft 2001-06-27 0 . 1 . 3 [get it](#)  
draft 2002-01-21 0 . 5 . 4 [get it](#)  
draft 2002-01-28 0 . 5 . 5 [get it](#)

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**TS 32.312-2 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service**

Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15 *G: U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* -> 32.112 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1621

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.681 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements**  
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-17: moved to Rel-6.

*history (event, available, version, comments, hyperlink):*

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**TS 32.682 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)**  
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-17: moved to Rel-6.

*history (event, available, version, comments, hyperlink):*

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**TS 32.683 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)**  
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-17: moved to Rel-6.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1622

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.684 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)**

Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* SP-17: moved to Rel-6.

*history (event, available, version, comments, hyperlink):*

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**TR 32.801 Performance management**

Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* KORINEK, Frank MOTOROLA JAPAN LTD  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* (Release 4/5 Building Block: OAM-PM)

*remarks - this release:* 2001-08-27: S5 Secretary: no document to be produced.

*history (event, available, version, comments, hyperlink):*

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Rel-5 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.800 Principles for Network Domain Security**

Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

*remarks - this release:* .2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

*history (event, available, version, comments, hyperlink):*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1623

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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Rel-5 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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**TS 41.103 GSM Release 5 specifications**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-16

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:* SP-20: Superseded by 41.101 Rel-5.

*remarks - this release:* SP-20: Superseded by 41.101 Rel-5.

*history (event, available, version, comments, hyperlink):*

SP-12		0	.	0	.	0	SP-010278	
SP-12	2001-07-05	0	.	1	.	0	SP-010384	<a href="#">get it</a>
SP-13	2001-10-01	1	.	0	.	0	SP-010421	<a href="#">get it</a>
SP-15	2002-03-19	1	.	1	.	0	SP-020098	<a href="#">get it</a>
SP-15	2002-03-19	1	.	2	.	0	SP-020203	<a href="#">get it</a>
SP-16		2	.	0	.	0	SP-020271	
SP-16		2	.	1	.	0	SP-020398	
SP-16		2	.	2	.	0	SP-020410	
SP-16	2002-06-19	5	.	0	.	0		<a href="#">get it</a>
SP-17	2002-09-18	5	.	1	.	0		<a href="#">get it</a>
SP-18	2003-01-03	5	.	2	.	0		<a href="#">get it</a>
SP-19	2003-03-27	5	.	3	.	0		<a href="#">get it</a>
SP-20	2003-06-25	5	.	4	.	0	withdrawn -> 41.101	<a href="#">get it</a>

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Rel-5 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1624

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1**

Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031. *remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 SP-18: withdrawn. [get it](#)

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**TS 42.032 Immediate Service Termination (IST); Service description; Stage 1**

Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: withdrawn in favour of 22.032. *remarks - this release:* SP-16: withdrawn in favour of 22.032.

*history (event, available, version, comments, hyperlink):*

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Rel-5 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1625

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2**  
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & *remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.  
Rel-5 -> 23.031.

*history (event, available, version, comments, hyperlink):*

SP-16 2002-06-24 5 . 0 . 0 SP-18: withdrawn. [get it](#)

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**TS 43.035 Immediate Service Termination (IST); Stage 2**  
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: withdrawn in favour of 23.035. *remarks - this release:* SP-16: withdrawn in favour of 23.035.

*history (event, available, version, comments, hyperlink):*

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**TR 43.900 Support for voice optimization for the IMS in the GERAN**  
Rel-5 *current version:* none *WG (prime / other):* G1 / *rapporteur:* GUARINO, Bernard Andrew Corporation  
*freeze\_meeting:* GP-10 *G:* yes *U:* *MCC:* USAI, Paolino  
*remarks - general:* 2002-09-03: Transferred from G2 to G1.. GP-06: stopped. *remarks - this release:* 2003-01-14: WG Secretary reports that this doc is unlikely to be completed. GP-06: stopped.

*history (event, available, version, comments, hyperlink):*

GP-06 2003-06-17 1 . 0 . 0 GP-011962 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1626

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TR 43.930 Iur-g interface; Stage 2**

Rel-5 *current version:* none  
*freeze\_meeting:* GP-09

*WG (prime / other):* G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc

Jose Luis

*G:* yes *U:*

*MCC:* THOMASEN, Gert

*remarks - general:* GP-11: Withdrawn and replaced with 43.130.

*remarks - this release:* This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11: Withdrawn and replaced with 43.130.

*history (event, available, version, comments, hyperlink):*

GP-09		0	.	3	.	0	GP-020733	
GP-09	2002-04-22	0	.	4	.	0	GP-021274	<a href="#">get it</a>
draft	2002-07-19	0	.	5	.	1		<a href="#">get it</a>
GP-10	2002-07-19	5	.	0	.	0		<a href="#">get it</a>
GP-11	2002-09-16	5	.	1	.	0	GP-11: withdrawn and technically identical document issued as TS 43.130.	<a href="#">get it</a>

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Rel-5 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**

Rel-5 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

Skov

*G:* yes *U:*

*MCC:* JURISIC, Andrijana

*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-5 **50** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1627

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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## TR 50.099 GERAN project plan and open issues

Rel-5 *current version:* none *WG (prime / other):* GP / - *rapporteur:* GRANT, Marc Cingular Wireless LLC  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. *remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Fel-5 Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6. frozen, so migrated to Rel-6.

*history (event, available, version, comments, hyperlink):*

GP-08	2002-04-04	0	.	0	.	14	GP-020277	<a href="#">get it</a>
GP-08	2002-03-20	0	.	0	.	15	GP-020515	<a href="#">get it</a>
draft	2002-03-20	0	.	1	.	6		<a href="#">get it</a>

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Rel-5 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-5 *current version:* none *WG (prime / other):* C6 / G3new *rapporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because doc was in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 appears!). 2003-07-15: Unwithdrawn - see comments against Rel-4. CP-27: change of WG as a result of closure of CN and T, but will never be produced because -> 31.124. *remarks - this release:* No need for Rel-5 SIM AT functionality, since SIM functions cease at Rel-4. See 31.124 for USAT test spec.

*history (event, available, version, comments, hyperlink):*

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1628

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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## TS 51.010-5 Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)

Rel-5 *current version:* none *WG (prime / other):* G3new/ T1 *rporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* GP-22 *G: yes U:* *MCC:* BAEV, Stoyan

*remarks - general:* Should number really be 31.010-5?

*remarks - this release:* GP-23: Decided not to back create v5.0.0 from Rel-6.

### *history (event, available, version, comments, hyperlink):*

draft	2004-06-14	0	.	0	.	0	GP-041355	<a href="#">get it</a>
draft		0	.	1	.	0		
GP-22	2004-11-30	0	.	2	.	0	GP-042335	<a href="#">get it</a>
GP-22	2004-11-30	2	.	0	.	0	GP-042795 - in fact, approved as Rel-6, so became v6.0.0	<a href="#">get it</a>

---

## TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-5 *current version:* none *WG (prime / other):* C6 / - *rporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* TP-15 *G: yes U:* *MCC:* LENHART, Gabriele

*remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TP-16: Rel-5 version withdrawn.

### *history (event, available, version, comments, hyperlink):*

TP-14	2002-01-17	5	.	0	.	0	TP-16: Rel-5 version withdrawn!	<a href="#">get it</a>
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Rel-5 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1629

31 May 2005 21:15:25

WITHDRAWN specs Rel-5 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.205**    **Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8**  
Rel-5    *current version:* none    *WG (prime / other):* S3 / -    *rapporteur:* WALKER, Michael    VODAFONE Group Plc  
*freeze\_meeting:* SP-26    *G: yes*    *U:*    *MCC:*    CLAYTON, Michael  
*remarks - general:*    Not subject to export control.    *remarks - this release:* Fill in of missing Release SP-26: decided that no need to back-fill earlier Releases.

*history (event, available, version, comments, hyperlink):*

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## Rel-4

Rel-4    **21** .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1630

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-20: Superseded by 21.101 Rel-4.

*remarks - this release:* SP-20: Superseded by 21.101 Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-08	2000-06-30	1	.	0	.	0		<a href="#">get it</a>
SP-10	2001-01-04	1	.	1	.	0		<a href="#">get it</a>
SP-11	2001-04-11	4	.	0	.	0		<a href="#">get it</a>
SP-12	2001-07-05	4	.	1	.	0		<a href="#">get it</a>
SP-13	2001-10-01	4	.	2	.	0		<a href="#">get it</a>
SP-14	2002-01-03	4	.	3	.	0		<a href="#">get it</a>
SP-15	2002-03-27	4	.	4	.	0		<a href="#">get it</a>
SP-16	2002-06-19	4	.	5	.	0		<a href="#">get it</a>
SP-17	2002-09-18	4	.	6	.	0		<a href="#">get it</a>
SP-18	2003-01-03	4	.	7	.	0		<a href="#">get it</a>
SP-19	2003-03-27	4	.	8	.	0		<a href="#">get it</a>
SP-20	2003-06-25	4	.	9	.	0	withdrawn -> 21.101	<a href="#">get it</a>

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Rel-4 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael

*remarks - general:* Transfer>TSG#4

*remarks - this release:* TSG#11: Becomes 42.043 for Rel-4 (!).

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1631

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.112 USIM toolkit interpreter; Stage 1**  
Rel-4 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-13: Rel-4 withdrawn, since stage 2 not ready.

*history (event, available, version, comments, hyperlink):*

TP-10 2001-01-11 1 . 0 . 0 [get it](#)  
TP-11 2001-04-09 4 . 0 . 0 withdrawn TP-13 [get it](#)

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**TS 22.227 Service requirements for the Open Service Access (OSA)**  
Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* Clayton Apr-2001: spec not required (see 22.127) *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

---

**TR 22.976 Study on PS domain services and capabilities**  
Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* CLAYTON, Michael  
*remarks - general:* 2003-04-07 Clayton: scrapped. *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).

*history (event, available, version, comments, hyperlink):*

SP-07 2000-03-17 1 . 0 . 0 SP-000073 [get it](#)  
draft 2000-05-09 1 . 4 . 0 [get it](#)  
SP-08 2000-06-28 2 . 0 . 0 -> Rel-5. [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1632

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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Rel-4 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.073 Support of Localised Service Area (SoLSA); Stage 2**

Rel-4 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann. *remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-04 4 . 0 . 0 SP-16: ->43.073 since applies to GERAN [get it](#)  
systems only.

---

**TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)**

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* Kall: Apr-2001:Superseded by 23.271 for Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-11 2002-06-18 4 . 0 . 0 withdrawn [get it](#)

---

**TS 23.207 End-to-end Quality of Service (QoS) concept and architecture**

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* SP-12: becomes Rel-5

*history (event, available, version, comments, hyperlink):*

SP-10 2001-01-31 1 . 0 . 0 SP-000594 [get it](#)  
draft 2001-02-01 1 . 1 . 0 [get it](#)  
draft 2001-06-26 1 . 7 . 3 suspicious version number! [get it](#)  
SP-12 2001-06-26 2 . 0 . 0 S2-011123, SP-010337 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1633

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.814 Separating RR and MM specific parts of the MS Classmark

Rel-4 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* JURISIC, Andrijana

*remarks - general:* New after TSG#5CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

*history (event, available, version, comments, hyperlink):*

NP-11 4 . 0 . 0 doa. Stick at R99.

---

## TR 23.821 Architecture Principles for Reelase 2000

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* LIND, Christer Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* POPE, Maurice

*remarks - general:* New after TSG#5. SP-20: stopped *remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-28 1 . 0 . 1 [get it](#)

---

## TR 23.874 Feasibility study of architecture for network requested PDP context activation with User-ID

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* KITADA, Yoshinori NTT COMWARE Corporation  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* POPE, Maurice

*remarks - general:* SP-20: stopped *remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

SP-09 1 . 0 . 0  
draft 2000-11-08 1 . 2 . 0 [get it](#)  
draft 2000-11-24 1 . 3 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1634

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.907 Quality of Service (QoS) concept

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* SP-20: stopped

*WG (prime / other):* S2 / *rapporteur:* VACANT,  
G: U: yes *MCC:* POPE, Maurice  
*remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

draft	1998-11-15	0	.	1	.	0	<a href="#">get it</a>
draft	1999-01-15	0	.	2	.	0	<a href="#">get it</a>
draft	1999-04-15	0	.	3	.	0	<a href="#">get it</a>
draft	1999-04-30	0	.	4	.	0	<a href="#">get it</a>
draft	1999-05-15	0	.	5	.	0	<a href="#">get it</a>
S2-05	1999-05-30	1	.	0	.	0	<a href="#">get it</a>
draft	1999-06-30	1	.	1	.	0	<a href="#">get it</a>
draft	1999-07-15	1	.	2	.	0	<a href="#">get it</a>

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## TR 23.913 UMTS Turbo-Charger

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* New after TSG#5

*WG (prime / other):* - / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: U: yes *MCC:* N, A  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

N1-06	1999-08-20	0	.	0	.	1	<a href="#">get it</a>
N1-07	1999-09-17	0	.	0	.	2	<a href="#">get it</a>
N1-08	1999-10-29	0	.	0	.	3	<a href="#">get it</a>
revision	1999-11-15	0	.	1	.	0	<a href="#">get it</a>
revision	1999-11-30	0	.	1	.	1	<a href="#">get it</a>
NP-06	1999-12-17	1	.	0	.	0	<a href="#">get it</a>
N1-09	1999-12-03	1	.	0	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1635

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.922 Architecture for an All IP network

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* TSG#5: 1.0.0

*WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - this release:* Sultan, Apr-2001: abandoned in early 2000. July-2001: replaced by 23.228.

*history (event, available, version, comments, hyperlink):*

SP-11 4 . 0 . 0 abandoned July 2001

---

## TR 23.923 Combined GSM and Mobile IP mobility handling in UMTS IP CN

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* HUBBARD, Elisabeth Indicate persons who left Company and wait for new One

*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* Sultan Apr-2001: contents out of date, not appropriate for Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-11 4 . 0 . 0

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## TR 23.925 UMTS Core network based ATM transport

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* ROUZ, Adel FUJITSU Laboratories of Europe Limited  
*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:* Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn. SP-20: stopped

*remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1636

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TR 23.972 Circuit switched multimedia telephony

Rel-4 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

*freeze\_meeting:* SP-11

*G:* *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* New after TSG#5. Minor title change TSG#7.CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

*history (event, available, version, comments, hyperlink):*

NP-11 4 . 0 . 0 doa. Stick at R99.

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Rel-4 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.004 Layer 1 - General Requirements

Rel-4 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* THOMAS, Rémi France Telecom

*freeze\_meeting:* SP-11 *G:* yes *U:* *MCC:* THOMASEN, Gert

*remarks - general:* Apr-2001: Not required. See 44.004. *remarks - this release:* Apr-2001: Not required. See 44.004.

*history (event, available, version, comments, hyperlink):*

GP-04 4 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1637

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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## TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Rel-4 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* THOMASEN, Gert  
*remarks - general:* Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12 R99) and shift responsibility to G2 (and should have been N2 anyway). Agreed to txfer to G2, but still as 24.012. *remarks - this release:* TSG#11: Replaced by 44.012 for Rel-4.

*history (event, available, version, comments, hyperlink):*

---

## TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access

Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11 *G:* *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TR 24.946 reserved

Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* VACANT,  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1638

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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Rel-4 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.107 UTRA Repeater; Conformance testing**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* - / - *rapporteur:* NILSSON, Martin

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* N, A

*remarks - general:* -> 25.143

*remarks - this release:* Scrapped in favour of 25.143

*history (event, available, version, comments, hyperlink):*

Start of work 2000-08-01 0 . 0 . 1

[get it](#)

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**TS 25.371 LMU signalling**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-07

*WG (prime / other):* - / - *rapporteur:* MOULY, Michel

ARGUIN Communications

*G:* *U:* yes *MCC:* N, A

*remarks - general:* Created Jan 00; wdrwn Apr00

*remarks - this release:* First draft: Jan2000

*history (event, available, version, comments, hyperlink):*

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**TR 25.835 Report on hybrid ARQ type II/III**

Rel-4 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R2 / - *rapporteur:* SITTE, Armin

SIEMENS AG

*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.

*history (event, available, version, comments, hyperlink):*

RP-09 2000-10-16 1 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1639

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.837 Hybrid ARQ Type II/III (lub/lur aspects)**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.

*history (event, available, version, comments, hyperlink):*

RP-09 2000-09-21 0 . 1 . 0

[get it](#)

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**TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* PARK, Jin Hyo SK TELECOM  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.

*history (event, available, version, comments, hyperlink):*

RP-12 2001-07-05 0 . 2 . 0 RP-010426

[get it](#)

RAN3 approved 2001-10-01 0 . 3 . 0 referred to at RP-13.

[get it](#)

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**TR 25.842 Smart antenna**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R1 / - *rapporteur:* HU, Jinling  
*G:* *U:* yes *MCC:* ISHII, Yoshikazu

*remarks - general:* 2003-11-28: WG Chairman indicates that this item is stopped.

*remarks - this release:* .RP-15: Not to be promoted to Rel-5. Post-RP-20: info received that the corresponding work item was stopped at RP-10, so expect this TR to be scrapped at RP-21. 2003-11-28: WG Chairman indicates that this item is stopped.

*history (event, available, version, comments, hyperlink):*

RP-09 2001-01-12 1 . 0 . 0 2003-11-28: WG Chairman indicates that [get it](#)  
this item is stopped.

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1640

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.845 FDD RACH and AICH performance requirements

Rel-4 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R4 / - *rapporteur:* VIHRIÄLÄ, Jaakko NOKIA Corporation  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.

*history (event, available, version, comments, hyperlink):*

draft 2000-12-20 0 . 0 . 2

[get it](#)

draft 2001-05-14 0 . 0 . 3 RP-17: withdrawn.

[get it](#)

---

## TR 25.846 CPCH performance

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* KWAK, Joe INTERDIGITAL COMMUNICATIONS CORPORATION  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* 2001-02-13: scrapped

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

---

## TR 25.852 Iu enhancements for IP Multimedia (IMS) support in UTRAN

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* 2003-09-08: Title changed from "Radio access bearer support enhancements for the Iu".

*remarks - this release:* RP-15: No upgrade to Rel-5. RP-19: future to be discussed R3-35. TP-20: to Rel-6.

*history (event, available, version, comments, hyperlink):*

RP-11 2001-04-06 0 . 0 . 0

[get it](#)

draft 2003-11-12 0 . 1 . 2 R3-031545

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1641

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.924 Opportunity Driven Multiple Access (ODMA)

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R2 / - *rapporteur:* LAW, Alan VODAFONE Group Plc  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*

*remarks - this release:* 2002-01-23: .WG Secretary reports that this is really R99. Watch this space. 2002-02-25 (Van der Veen): No further interest, so spec withdrawn.

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	1
RP-04	1999-06-23	0	.	1	.	0
RP-05	1999-10-13	0	.	2	.	0
RP-06	1999-12-17	1	.	0	.	0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TR 25.932 Delay budget within the access stratum

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* PENAS, Enrico MOTOROLA Ltd  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* ->25.853 @ TSG#10.

*remarks - this release:* TSG#10:2.0.0; approved renumbered as 25.853.

*history (event, available, version, comments, hyperlink):*

RP-08	2000-06-23	1	.	0	.	0
RP-09	2000-10-05	1	.	1	.	0
RP-10	2001-01-22	2	.	0	.	0

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1642

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.933 IP transport in UTRAN**

Rel-4 *current version:* none  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).

*history (event, available, version, comments, hyperlink):*

draft	2000-05-15	0	.	0	.	1		<a href="#">get it</a>
R3-13	2000-06-15	0	.	1	.	0		<a href="#">get it</a>
R3-13	2000-07-15	0	.	1	.	1		<a href="#">get it</a>
RP-09	2000-08-15	0	.	2	.	0		<a href="#">get it</a>
RP-10	2000-12-21	0	.	4	.	0	RP-000644	<a href="#">get it</a>
RP-11	2001-04-06	1	.	0	.	0		<a href="#">get it</a>
RP-12	2001-07-05	1	.	1	.	0	RP-010425	<a href="#">get it</a>
RP-13	2001-10-01	1	.	4	.	0	RP-010642	<a href="#">get it</a>
draft	2001-11-13	1	.	4	.	1	to Rel-5	<a href="#">get it</a>
RP-14	2001-12-06	1	.	5	.	0	RP-010876	<a href="#">get it</a>
draft	2002-01-02	1	.	5	.	1		<a href="#">get it</a>
RP-15	2002-03-19	1	.	7	.	1	RP-020136, withdrawn	<a href="#">get it</a>
RP-15	2002-03-19	2	.	0	.	0	RP-020137	<a href="#">get it</a>

---

**TR 25.938 Terminal power saving features**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* CHOI, Sungho SAMSUNG Electronics Co., Japan R&D Office  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:* R3-27: abandoned.

*remarks - this release:* RP-15: Withdrawal confirmed.

*history (event, available, version, comments, hyperlink):*

draft	2000-08-15	0	.	0	.	1		<a href="#">get it</a>
draft	2000-10-05	0	.	1	.	0		<a href="#">get it</a>
RP-10	2000-12-21	0	.	1	.	1	RP-000654	<a href="#">get it</a>
RP-11	2001-04-06	2	.	0	.	0	R3-27: abandoned, confirmed RP-15.	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1643

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.951 Base Station (BS) classification (FDD)**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation  
Tuomo  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* 2002-01-24: Gutierrez: moved to Rel-5

*history (event, available, version, comments, hyperlink):*

R4-13	2000-11-21	0	.	0	.	1	R4-000572	<a href="#">get it</a>
RP-10	2000-12-21	1	.	0	.	0	RP-000598	<a href="#">get it</a>
R4-16		1	.	0	.	1	R4-010257	
RP-13	2001-10-01	1	.	1	.	0	RP-010681	<a href="#">get it</a>

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**TR 25.952 Base Station classification (TDD)**

Rel-4 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS CORPORATION  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*

*remarks - this release:* -> Rel-5

*history (event, available, version, comments, hyperlink):*

draft	2000-11-21	0	.	0	.	1		<a href="#">get it</a>
RP-10	2000-12-21	1	.	0	.	0		<a href="#">get it</a>
RP-11	2001-04-10	1	.	1	.	0		<a href="#">get it</a>

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**TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release**

Rel-4 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the notion of this TR, so stopped. *remarks - this release:* No technical contents, merely a pointer to the latest Release version.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1644

31 May 2005 21:15:26

WITHDRAWN specs Rel-4 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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Rel-4 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.078 Results of the AMR noise suppression selection phase**

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* Replaced by 26.978. *remarks - this release:* Replaced by 26.978.

*history (event, available, version, comments, hyperlink):*  
SP-11 4 . 0 . 0

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**TS 26.226 Cellular text telephone modem; General description**

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitron AB  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text telephony (GTT);Transport of text in the voice channel". *remarks - this release:* TSG#11:withdrawn->rel-5

*history (event, available, version, comments, hyperlink):*  
SP-08 2000-06-23 0 . 0 . 0 [get it](#)  
SP-09 2000-10-18 0 . 0 . 9 [get it](#)  
draft 2000-10-24 0 . 0 . 10 [get it](#)  
SP-10 2000-12-21 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1645

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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## TS 26.230 Cellular text telephone modem; Transmitter bit exact C-code

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text telephony (GTT); Cellular text telephone modem transmitter C-code description" to reflect document *remarks - this release:* TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

*history (event, available, version, comments, hyperlink):*

SP-10 2 . 0 . 0 SP-000750  
SP-10 2000-12-21 4 . 0 . 0

[get it](#)

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## TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.

*history (event, available, version, comments, hyperlink):*

draft 2000-10-01 0 . 0 . 1  
draft 2000-11-16 0 . 0 . 2  
SP-10 2000-12-21 1 . 0 . 0 NP-000567  
SP-11 2001-04-10 4 . 0 . 0  
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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## TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: U: yes* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* No work, will never appear as 4.0.0 (Usai, Mar 2001)

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1646

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TR 26.920 Architectural Model for the 3G Transcoders**  
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-26 0 . 1 . 1

[get it](#)

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Rel-4 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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**TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**  
Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* *remarks - this release:* 2001-11-07: Boswarthick: Not required for Rel-4.

*history (event, available, version, comments, hyperlink):*

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Rel-4 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1647

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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## TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-4 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* *G: yes U: yes* *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* RP-19: stopped. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-4 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software  
*freeze\_meeting:* NP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.  
UMTS studies.

*history (event, available, version, comments, hyperlink):*

NP-09 2000-11-08 4 . 0 . 0 [get it](#)  
TR no. corrected 2001-02-02 4 . 0 . 1 NP-19: Replaced by 30.902 v4.0.2. [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1648

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* RP-20: stopped

*WG (prime / other):* R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - this release:* RP-15: Not to be promoted to Rel-5. RP-20: stopped

### *history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0		<a href="#">get it</a>
draft	2000-12-21	0	.	8	.	6		<a href="#">get it</a>
RP-04	1999-06-23	1	.	0	.	0		<a href="#">get it</a>
RP-05	1999-10-13	1	.	4	.	0		<a href="#">get it</a>
RP-06	1999-12-17	2	.	0	.	0		<a href="#">get it</a>
RP-08	2000-06-23	2	.	2	.	0		<a href="#">get it</a>

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## TR 30.801 Overall Project Plan

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:*

*WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - this release:* TSG#11: Work stopped.

### *history (event, available, version, comments, hyperlink):*

draft	1999-07-30	0	.	1	.	0		<a href="#">get it</a>
draft	1999-08-30	0	.	2	.	0		<a href="#">get it</a>
draft	1999-09-30	0	.	3	.	0		<a href="#">get it</a>
SP-05	1999-10-13	1	.	0	.	0		<a href="#">get it</a>
draft	1999-12-02	1	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1649

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.802 Project plan on Bearer Services and QoS**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 1 . 0 . 0  
SP-09 4 . 0 . 0

[get it](#)

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**TR 30.804 Project plan on GSM/UMTS Interoperation and Mobility Management**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* COURAU, François ALCATEL S.A.

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* TSG#11: Work stopped.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 1 . 0 . 0

[get it](#)

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**TR 30.806 Project plan on Location based services**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* KÄLL, Jan NOKIA Corporation

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* TSG#11: Work stopped.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 1 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1650

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.808 Project plan on Packet Architecture and Circuit Architecture**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* DROPMANN, Ulrich SIEMENS AG  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* TSG#11: Work stopped.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 1 . 0 . 0

[get it](#)

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**TR 30.810 Project plan on Security**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* TSG#11: Work stopped.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-24 1 . 0 . 0

[get it](#)

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**TR 30.812 Project plan on Services and Service platforms**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* SCHMERSEL, Rob CELLPOINT SYSTEMS AB  
*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* TSG#11: Work stopped.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 1 . 0 . 0

[get it](#)

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Rel-4

31 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1651

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TR 31.900 SIM/USIM internal and external interworking aspects

Rel-4 *current version:* none *WG (prime / other):* C6 / *rapporteur:* KALINER, Stefan T-Mobile International AG  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* LENHART, Gabriele  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.

*history (event, available, version, comments, hyperlink):*

TP-15 2002-03-28 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains [get it](#)  
valid.

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Rel-4 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.104 Telecommunication management; 3G Performance Management

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* SP-12: Split into several specs. 32.401, '402, '403.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-03-28 4 . 0 . 0 withdrawn SP-12 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1652

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.105 3G charging and billing; Stage 2 description

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.

*history (event, available, version, comments, hyperlink):*

SP-06	1999-12-17	0	.	0	.	1		<a href="#">get it</a>
SP-08	2000-06-23	0	.	0	.	2		<a href="#">get it</a>
SP-09	2000-09-28	0	.	0	.	3		<a href="#">get it</a>
draft	2000-10-10	0	.	0	.	4	SP-12: Rel-4 withdrawn.	<a href="#">get it</a>

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## TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* SP-08: split into eight parts

*remarks - this release:* SP-12: withdrawn. See 32.300.

*history (event, available, version, comments, hyperlink):*

SP-11	2001-03-28	4	.	0	.	0	SP-12: withdrawn.	<a href="#">get it</a>
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## TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)

Rel-4 *current version:* none  
*freeze\_meeting:* SP-12

*WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts

*remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1653

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
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**TS 32.106-3 Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)**

Rel-4 *current version:* **Solution Set (SS)** none *WG (prime / other):* S5 /- *rapporteur:* TSE, Edwin  
Ericsson Incorporated

*freeze\_meeting:* SP-12 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* TSG#8: split into eight parts *remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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**TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)**

Rel-4 *current version:* **Solution Set (SS)** none *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* TSG#8: split into eight parts *remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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**TS 32.106-5 Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP): Information model (including Network Resource Model)**

Rel-4 *current version:* none *WG (prime / other):* S5 /- *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 G: yes U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts *remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1654

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
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**TS 32.106-6 Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
Rel-4 *current version: Solution Set (SS)* none *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* TSG#8: split into eight parts *remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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**TS 32.106-7 Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**  
Rel-4 *current version: Solution Set (SS)* none *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* SP-12 *G: yes U: yes* *MCC:* ZOICAS, Adrian  
*remarks - general:* TSG#8: split into eight parts *remarks - this release:* SP-12: withdrawn.

*history (event, available, version, comments, hyperlink):*

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**TS 32.106-8 Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects**  
Rel-4 *current version: none* *WG (prime / other):* S5 /- *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into eight parts *remarks - this release:* SP-12: withdrawn. See 32.600.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-03-28 4 . 0 . 0 SP-12: withdrawn. [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1655

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
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## TS 32.111 3G Fault Management

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* TSG#8: split into 4 parts

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-11 2001-03-28 4 . 0 . 0

[get it](#)

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## TS 32.112-1 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements

Rel-4 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* S5 / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* SP-12: stopped. See 32.311.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2 . 0 . 0 SP-010285

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## TS 32.112-2 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service

Rel-4 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* S2 / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* POPE, Maurice

*remarks - general:* SP-12: stopped. See 32.312.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2 . 0 . 0 SP-010285

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1656

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.140 Telecommunication management; Subscription Management (SuM) requirements**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* ISLIP, John Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-13 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2004-03-29: S5 Project Manager: "services operations management" *remarks - this release:* TSG#8:0.1.0 but associated WI not approved. SP-12: moved to rel-5.  
removed from title.

*history (event, available, version, comments, hyperlink):*

draft 2000-08-01 0 . 1 . 0

[get it](#)

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**TS 32.301-1 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106 (pars). SP-12: stopped. See 32.301. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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**TS 32.301-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106- 2SP-12: stopped. See 32.302. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1657

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.301-3 Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
Rel-4 *current version: solution set* none *WG (prime / other):* S5 /- *rapporteur:* SCHEER, Randal Lucent Technologies

*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-3 SP-12: stopped. See 32.303. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.301-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution**  
Rel-4 *current version: none* *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106-4 SP-12: stopped. See 32..304. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.312-1 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements**  
Rel-4 *current version: none* *WG (prime / other):* S5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* -> 32.111 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1658

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-Mobile International AG  
*freeze\_meeting:* G: yes U: MCC: ZOICAS, Adrian  
*remarks - general:* was 32.104 (pars). SP-13: replaced by 52.402. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-21 1 . 0 . 0 [get it](#)  
SP-13 2001-10-11 2 . 0 . 0 SP-010467 approved as 52.042 [get it](#)

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## TS 32.601-1 Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* WILBER, John  
*freeze\_meeting:* G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - general:* Replaces 32.106 (pars). SP-12: stopped. See 32.601. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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## TS 32.601-2 Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: yes MCC: ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.602. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1659

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.601-3 Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)**  
Rel-4 *current version:* solution set none *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.603. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.601-4 Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)**  
Rel-4 *current version:* none *WG (prime / other):* S5 /- *rporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.604. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.602-1 Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements**  
Rel-4 *current version:* none *WG (prime / other):* S5 / *rporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* SP-12: stopped. See 32.611. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1660

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.602-2 Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Information service**  
Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-12: stopped. See 32.612. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.602-3 Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker**  
Rel-4 *current version:* **Architecture (CORBA) solution set** none *WG (prime / other):* S5 */ rapporteur:* BONNEAU, Frédéric  
NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-12: stopped. See 32.613. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.602-4 Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information**  
Rel-4 *current version:* **Protocol (CMIP) solution set** none *WG (prime / other):* S5 */ rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-12: stopped. See 32.614. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1661

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.602-5 Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition**  
Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* SP-12: stopped. See 32.615. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.620-1 Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.621. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.620-2 Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-5 (pars)SP-12: stopped. See 32.622. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1662

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
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**TS 32.620-3 Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): Common Object Request Broker**  
Rel-4 *current version: Architecture (CORBA) solution set* none *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.623. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.620-4 Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management Information**  
Rel-4 *current version: Protocol (CMIP) solution set* none *WG (prime / other):* S5 /- *rporteur:* TOVINGER, Thomas  
Telefon AB LM Ericsson

*freeze\_meeting:* G: yes U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.624. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.621-1 Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements**  
Rel-4 *current version: none* *WG (prime / other):* S5 /- *rporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.631. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1663

31 May 2005 21:15:27

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.621-2 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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**TS 32.621-3 Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): Common Object Request Broker**

Rel-4 *current version:* **Architecture (CORBA) solution set** none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:*

G: yes U: yes

*MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

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**TS 32.621-4 Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): Common Management Information**

Rel-4 *current version:* **Protocol (CMIP) solution set** none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas  
Telefon AB LM Ericsson

*freeze\_meeting:*

G: yes U: yes

*MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.634.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1664

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.622-1 Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.641.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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**TS 32.622-2 Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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**TS 32.622-3 Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker**

Rel-4 *current version:* **Architecture (CORBA) solution set** none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:*

G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-12 2001-06-18 2 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1665

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.622-4 Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information**  
Rel-4 *current version:* Protocol (CMIP) solution set none *WG (prime / other):* S5 /- *rapporteur:* TOVINGER, Thomas  
Telefon AB LM Ericsson

*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.644. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

---

**TS 32.623-1 Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements**  
Rel-4 *current version:* none *WG (prime / other):* S5 /- *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.651. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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**TS 32.623-2 Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**  
Rel-4 *current version:* none *WG (prime / other):* S5 /- *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.652. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1666

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker**  
Rel-4 *current version: Architecture (CORBA) solution set* none *WG (prime / other):* S5 */-* *rporteur:* POLLAKOWSKI, Olaf  
SIEMENS AG

*freeze\_meeting:* G: yes U: *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

---

**TS 32.623-4 Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information**  
Rel-4 *current version: Protocol (CMIP) solution set* none *WG (prime / other):* S5 */-* *rporteur:* TOVINGER, Thomas  
Telefon AB LM Ericsson

*freeze\_meeting:* G: yes U: *MCC:* ZOICAS, Adrian  
*remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
SP-12 2001-06-18 2 . 0 . 0 [get it](#)

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Rel-4 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1667

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.800 Principles for Network Domain Security**

Rel-4 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it. *remarks - this release:* v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

*history (event, available, version, comments, hyperlink):*

draft 0 . 3 . 5

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**TR 33.900 Guide to 3G security**

Rel-4 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TR 33.904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms**

Rel-4 *current version:* none *WG (prime / other):* S3 / SAGE *rapporteur:* VACANT,  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* CLAYTON, Michael

*remarks - general:* Source: ETSI SAGE. *remarks - this release:* SP-15: Not to be promoted to Rel-5. In fact, replaced by 33.908.

*history (event, available, version, comments, hyperlink):*

draft 2 . 0 . 0 only available as  
[http://www.3gpp.org/TB/other/algorithms/  
KASUMI\\_Eval\\_rep\\_v20.pdf](http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1668

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 41 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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Rel-4 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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**TS 41.001 GSM Specification set**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* ->41.102, renumbered at TSG#10.

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G: yes U:* *MCC:* POPE, Maurice  
*remarks - this release:* ->41.102

*history (event, available, version, comments, hyperlink):*

SP-10 2000-12-03 1 . 0 . 0 [get it](#)

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**TS 41.102 GSM Release 4 specifications**

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*remarks - general:* Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.

*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G: yes U:* *MCC:* POPE, Maurice  
*remarks - this release:* SP-20: Superseded by 41.101 Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-10 1 . 0 . 0  
SP-10 2001-01-04 1 . 0 . 1 [get it](#)  
SP-11 2001-04-11 4 . 0 . 0 [get it](#)  
SP-12 2001-07-05 4 . 1 . 0 [get it](#)  
SP-13 2001-10-01 4 . 2 . 0 [get it](#)  
SP-14 2002-01-03 4 . 3 . 0 [get it](#)  
SP-15 2002-03-27 4 . 4 . 0 [get it](#)  
SP-16 2002-06-19 4 . 5 . 0 [get it](#)  
post SP-16 editorial 2002-06-25 4 . 5 . 1 [get it](#)  
  
SP-17 2002-09-18 4 . 6 . 0 [get it](#)  
SP-18 2003-01-03 4 . 7 . 0 [get it](#)  
SP-19 2003-03-27 4 . 8 . 0 [get it](#)  
SP-20 2003-06-25 4 . 9 . 0 withdrawn -> 41.101 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1669

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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Rel-4 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1**

Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031. *remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 SP-18: withdrawn. [get it](#)

---

**TS 42.032 Immediate Service Termination (IST); Service description; Stage 1**

Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11  
G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* SP-16: withdrawn in favour of 22.032. *remarks - this release:* SP-16: withdrawn in favour of 22.032.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 [get it](#)

---

**TS 42.048 Security mechanisms for the SIM Application Toolkit; Stage 1**

Rel-4 *current version:* none *WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* SP-11  
G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* TP-12: Becomes 22.048. *remarks - this release:* TP-12: Becomes 22.048.

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1670

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 42 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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**TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1**

Rel-4 *current version:* none *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* Scrapped - see 22.053, Rel-4 onwards. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-4 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2**

Rel-4 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & *remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.  
Rel-5 -> 23.031.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0 SP-18: withdrawn. [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1671

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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**TS 43.035 Immediate Service Termination (IST); Stage 2**  
Rel-4 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 G: yes U: *MCC:* CLAYTON, Michael One  
*remarks - general:* SP-16: withdrawn in favour of 23.035. *remarks - this release:* SP-16: withdrawn in favour of 23.035.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-04-10 4 . 0 . 0  
SP-15 2002-03-26 4 . 1 . 0

[get it](#)  
[get it](#)

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**TS 43.046 Technical Realization of Facsimile Group 3 Service - non transparent**  
Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-11 G: yes U: *MCC:* HAN, Seung Don  
*remarks - general:* 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99. *remarks - this release:* .2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.

*history (event, available, version, comments, hyperlink):*

post-NP-14 2002-01-23 4 . 0 . 0 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.

[get it](#)

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**TS 43.048 Security Mechanisms for SIM Toolkit Application; Stage 2**  
Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA GmbH  
*freeze\_meeting:* SP-11 G: yes U: *MCC:* THOMASEN, Gert  
*remarks - general:* TP-12: replaced by 23.048. *remarks - this release:* TP-12: replaced by 23.048.

*history (event, available, version, comments, hyperlink):*

TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1672

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 43 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

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## TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

Rel-4 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* MCC: USAI, Paolino  
*remarks - general:* Originally created as 03.51r00 *remarks - this release:* Created after TSG#8. GP-08: withdrawn

*history (event, available, version, comments, hyperlink):*

GP-02 2001-01-05 4 . 0 . 0 GP-08: withdrawn [get it](#)

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## TS 43.063 Packet Data on Signalling channels service (PDS) Service description, Stage 2

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G: yes U:* MCC: JURISIC, Andrijana  
*remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw. *remarks - this release:* 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0 [get it](#)

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## TS 43.071 Location Services (LCS); Functional description; Stage 2 (GSM)

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G: yes U:* MCC: POPE, Maurice  
*remarks - general:* Superseded by 23.271 Rel-4. *remarks - this release:* Superseded by 23.271 Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-11 4 . 0 . 0

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Rel-4 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1673

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 44 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

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## TS 44.008 Mobile radio interface layer 3 specification

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew  
*G: yes U:* MCC: JURISIC, Andrijana

MOTOROLA Ltd

*remarks - general:*

*remarks - this release:* withdrawn at NP-15.

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0 withdrawn NP-15

[get it](#)

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## TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter  
*G: yes U:* MCC: JURISIC, Andrijana

T-MOBILE DEUTSCHLAND

*remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.

*remarks - this release:* 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.

*history (event, available, version, comments, hyperlink):*

NP-11 2001-04-11 4 . 0 . 0

[get it](#)

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Rel-4 **48** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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## TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

*remarks - general:* -> 28.062

*remarks - this release:* -> 28.062

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1674

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 48 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

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Rel-4 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

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**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* Skov  
*G:* yes *U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Rel-4 **50** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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**TR 50.043 Support of Localised Service Area (SoLSA); Work Item Status**  
Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* 2001-April:Clayton: stopped.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1675

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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**TS 50.056 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1**

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:* Apr 2001 - Sultan:no Rel-4 will exist

*remarks - this release:* Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.

*history (event, available, version, comments, hyperlink):*

SP-11 4 . 0 . 0 not to be produced

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**TS 50.089 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;**

Rel-4 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* Usai Apr-2001: will never be produced.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1676

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 50 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

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## TR 50.099 GERAN project plan and open issues

Rel-4 *current version:* none *WG (prime / other):* GP / - *rapporteur:* GRANT, Marc Cingular Wireless LLC  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. *remarks - this release:* GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly numbered and were not subsequent at all, so do not appear in history; latest draft is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".  
Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.

### *history (event, available, version, comments, hyperlink):*

draft	2000-10-09	0	.	0	.	1		<a href="#">get it</a>
draft	2000-04-02	0	.	0	.	2		<a href="#">get it</a>
draft	2000-11-06	0	.	0	.	2		<a href="#">get it</a>
draft	2000-05-08	0	.	0	.	3		<a href="#">get it</a>
draft	2000-05-28	0	.	0	.	4		<a href="#">get it</a>
GP-04	2000-05-10	0	.	0	.	6	2002-01-23: Usai indicates "stopped".	<a href="#">get it</a>
draft		0	.	0	.	7		
draft		0	.	0	.	8		
GP-05		0	.	0	.	9		
GP-06		0	.	0	.	10		
GP-07		0	.	0	.	11		
GP-07		0	.	0	.	12		
GP-07		0	.	0	.	13		
draft	2002-04-12	0	.	0	.	15		<a href="#">get it</a>
GP-09	2002-04-22	0	.	0	.	16	GP-021208	<a href="#">get it</a>
draft	2002-09-17	0	.	0	.	20		<a href="#">get it</a>
GP-12	2002-11-26	0	.	23	.	0	GP-023436	<a href="#">get it</a>

---

Rel-4 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1677

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 51 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

## TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-4 *current version:* none *WG (prime / other):* C6 / G3new *rappporteur:* LAFFONT, Eric GEMPLUS S.A.  
*freeze\_meeting:* SP-14

*G:* yes *U:* *MCC:* LENHART, Gabriele

*remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because doc was in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 appears!). 2003-07-15: Unwithdrawn - see comments against Rel-4. CP-27: change of WG as a result of closure of CN and T, but will never be produced because -> 31.124.

*remarks - this release:* TP-17: Withdrawn, because doc was in fact R99, not Rel-4. 2003-07-15: Release reinstated (though existing so-called draft v0.0.1 is still scrapped). 2005-04-05: Rapporteur indicates that Rel-4 will not be produced, since contents is in 31.124.

*history (event, available, version, comments, hyperlink):*

TP-14 2002-01-02 0 . 0 . 1 TP-010250; TP17: the previous doc turned [get it](#)  
out to be a sort of draft CR for R99 (11.10-4). 2003-07-15: Dietze indicates that a Rel-4 will be required, so this Release reinstated, but this version 0.0.1 remains scrapped.

---

## TS 51.010-5 Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)

Rel-4 *current version:* none *WG (prime / other):* G3new/ T1 *rappporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-26 *G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* Should number really be 31.010-5? *remarks - this release:* GP-23: Decided not to back create from Rel-6.

*history (event, available, version, comments, hyperlink):*

---

Rel-4 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1678

31 May 2005 21:15:28

WITHDRAWN specs Rel-4 52 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

---

## TS 52.071 Location Services (LCS); Location services (LCS) management

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* SP-13: withdrawn - see SP-010472.

*history (event, available, version, comments, hyperlink):*

SP-11 2001-03-28 4 . 0 . 0 withdrawn SP-13 [get it](#)  
SP-13 2001-10-03 4 . 1 . 0 This is the version declaring itself to be [get it](#)  
withdrawn. A sort of non-version. Anti-  
bootstrapping (autointerment?)

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Rel-4 55 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

---

## TS 55.205 Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8

Rel-4 *current version:* none *WG (prime / other):* S3 / - *rporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-26 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* Not subject to export control.

*remarks - this release:* Fill in of missing Release SP-26: decided that no need to back-fill earlier Releases.

*history (event, available, version, comments, hyperlink):*

---

## R00

R00 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1679

31 May 2005 21:15:28

WITHDRAWN specs R00 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.68 Voice Group Call Service (VGCS); Stage 1**

R00 *current version: none*

*freeze\_meeting:*

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0

[get it](#)

---

**TS 02.69 Voice Broadcast Service (VBS); Stage 1**

R00 *current version: none*

*freeze\_meeting:*

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0

[get it](#)

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R00

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1680

31 May 2005 21:15:28

WITHDRAWN specs R00 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.20 Security-related network functions**

R00 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, Sebastien France Telecom  
GP

*G:* yes *U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-32 2001-01-16 9 . 0 . 0

[get it](#)

---

**TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2**

R00 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* -> 43.051

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

---

**TS 03.59 Location services (LCS) GERAN; Stage 2**

R00 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:* replaced by 43.059

*history (event, available, version, comments, hyperlink):*

draft 2000-05-30 0 . 0 . 1

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1681

31 May 2005 21:15:28

WITHDRAWN specs R00 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.68 Voice Group Call Service (VGCS); Stage 2**  
R00 *current version: none* *freeze\_meeting:* WG (prime / other): C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: MCC: JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0

*history (event, available, version, comments, hyperlink):*  
smg-32 2000-06-20 9 . 0 . 0 [get it](#)

---

**TS 03.69 Voice Broadcast service (VBS); Stage 2**  
R00 *current version: none* *freeze\_meeting:* WG (prime / other): C1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
G: yes U: MCC: JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0

*history (event, available, version, comments, hyperlink):*  
smg-30 2000-06-20 9 . 0 . 0 [get it](#)

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R00 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol**  
R00 *current version: none* *freeze\_meeting:* WG (prime / other): G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: THOMASEN, Gert  
*remarks - general:* *remarks - this release:* Aug00: replaced by 44.018

*history (event, available, version, comments, hyperlink):*  
smg-32 2000-06-20 9 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1682

31 May 2005 21:15:29

WITHDRAWN specs R00 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.68 Group Call Control (GCC) Protocol

R00 *current version: none* WG (prime / other): C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* G: yes U: MCC: JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0 >44.069v4.0.0 [get it](#)

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## TS 04.69 Broadcast Call Control (BCC) protocol

R00 *current version: none* WG (prime / other): C1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* G: yes U: MCC: JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0 ->44.069v4.0.0 [get it](#)

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R00 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1683

31 May 2005 21:15:29

WITHDRAWN specs R00 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 *current version: none* *freeze\_meeting:* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*remarks - general:*

*remarks - this release:* #32:9.0.0 Aug00: replaced by 48.008

*history (event, available, version, comments, hyperlink):*

smg-29	1999-06-30	8	.	0	.	0	<a href="#">get it</a>
smg-30	1999-11-11	8	.	1	.	0	<a href="#">get it</a>
smg-30b	1999-12-06	8	.	2	.	0	<a href="#">get it</a>
smg-31	2000-02-16	8	.	3	.	0	<a href="#">get it</a>
smg-31b	2000-04-17	8	.	4	.	0	<a href="#">get it</a>
Fix graphics	2000-05-16	8	.	4	.	1	<a href="#">get it</a>
smg-32	2000-06-20	8	.	5	.	0	<a href="#">get it</a>
smg-32	2000-06-20	9	.	0	.	0	<a href="#">get it</a>

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R00 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TS 10.99 GERAN project plan and open issues

R00 *current version: none* *freeze\_meeting:* *WG (prime / other):* - / *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft (as 10.99)	2000-05-30	0	.	0	.	5	<a href="#">get it</a>
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R00 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1684

31 May 2005 21:15:29

WITHDRAWN specs R00 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R00 *current version:* none *WG (prime / other):* G3new/ S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:*

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5. *remarks - this release:* #32:9.0.0->51.010-1v4.0.1

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0  
edito 2000-07-12 9 . 0 . 1

[get it](#)  
[get it](#)

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## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R00 *current version:* none *WG (prime / other):* G3new/ S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:*

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5. *remarks - this release:* #32:9.0.0->51.010-3v4.0.0

*history (event, available, version, comments, hyperlink):*

smg-32 2000-06-20 9 . 0 . 0 Tdoc 7-00-276; P-00-266

[get it](#)

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R00 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1685

31 May 2005 21:15:29

WITHDRAWN specs R00 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)

R00 *current version:* none *WG (prime / other):* R3 / - *rapporteur:* PARK, Jin Hyo SK TELECOM  
*freeze\_meeting:* G: U: yes *MCC:* CALDENHOVEN, Juergen  
*remarks - general:* *remarks - this release:* -> Rel-4

*history (event, available, version, comments, hyperlink):*

draft 2000-08-15 0 . 0 . 1 [get it](#)  
RP-10 2000-09-21 0 . 1 . 0 RP-000642 [get it](#)

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## R99

R99 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.00 Working Procedures for SMG and PT SMG

R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-30 1999-11-11 8 . 0 . 0 SP-15: withdrawn since SMG and PT-SMG no longer exist. [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1686

31 May 2005 21:15:29

WITHDRAWN specs R99 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.56 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements**  
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* CTS is dead duck

*history (event, available, version, comments, hyperlink):*

Withdrawn 2000-11-16 8 . 0 . 0

[get it](#)

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R99 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**  
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* TSG#6: ->3G

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 8 . 0 . 0

smg-29 1999-06-25 8 . 1 . 0

smg-30 2001-10-25 8 . 2 . 0

ETSI publication 2001-10-30 8 . 2 . 1

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1687

31 May 2005 21:15:29

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0 [get it](#)

---

## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #30: 8.0.0 TSG#6->3g

*history (event, available, version, comments, hyperlink):*

smg-30 1999-11-11 8 . 0 . 0 withdrawn [get it](#)

---

## TS 02.04 General on Supplementary Services

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 8 . 0 . 0 [get it](#)  
smg-29 1999-06-26 8 . 1 . 0 withdrawn (becomes 22.004) [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1688

31 May 2005 21:15:29

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.07 Mobile Station (MS) Features

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* TSG#6: withdrawn

### *history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0 [get it](#)  
smg-30 8 . 1 . 0 withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.

---

## TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1

R99 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

### *history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#)  
ETSI publication 2001-06-05 8 . 0 . 1 SP-18: Withdrawn in favour of 22.031. [get it](#)

---

## TS 02.32 Immediate Service Termination (IST); Service description; Stage 1

R99 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* SP-16: withdrawn in favour of 22.032 R99.

### *history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-02-14 8 . 0 . 0 [get it](#)  
ETSI publication 2001-06-05 8 . 0 . 1 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1689

31 May 2005 21:15:29

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1**

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi  
*G: yes U:* *MCC:* CLAYTON, Michael

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 8 . 0 . 0

[get it](#)

smg-29 1999-06-25 8 . 1 . 0 withdrawn -> 22.034

[get it](#)

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**TS 02.38 SIM application toolkit (SAT); Stage 1**

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul  
*G: yes U:* *MCC:* CLAYTON, Michael

Research in Motion UK Limited

*remarks - general:* Moved from T3 Jan-00.

*remarks - this release:* Place holder - no spec.

*history (event, available, version, comments, hyperlink):*

---

**TS 02.40 Procedures for Call Progress Indications**

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / NP *rapporteur:* DEOL, Amar  
*G: yes U:* *MCC:* CLAYTON, Michael

Nortel Networks (USA)

*remarks - general:*

*remarks - this release:* R99 -> 22.101

*history (event, available, version, comments, hyperlink):*

smg-30 1999-11-11 8 . 0 . 0 withdrawn. The text for 02.40 was  
moved to 22.001. refer to CR 22.001-001  
which resulted in version 3.1.0 of 22.001.

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1690

31 May 2005 21:15:29

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.42 Network Identity and Timezone (NITZ); Service Description, Stage 1

R99 *current version:* none *WG (prime / other):* S1 / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0 withdrawn -> 22.042 [get it](#)

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## TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0 [get it](#)

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## TS 02.60 General Packet Radio Service Stage 1 Description

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 8 . 0 . 0 [get it](#)  
smg-29 1999-06-25 8 . 1 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1691

31 May 2005 21:15:29

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)**

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0

[get it](#)

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**TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1**

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 8 . 0 . 0

[get it](#)

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**TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1**

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 8 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1692

31 May 2005 21:15:29

WITHDRAWN specs R99 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.94 Follow Me Service description; Stage 1**

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common GSM/UMTS spec, 22.094. *remarks - this release:* #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or common. 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common GSM/UMTS spec, 22.094.

*history (event, available, version, comments, hyperlink):*

smg-28 1 . 0 . 0  
smg-30 1999-11-11 8 . 0 . 0 Withdrawn wef SP-21 [get it](#)

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R99 **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.01 Network Functions**

R99 *current version:* none *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:* SMG3->SA2 @ TSG#7 *remarks - this release:* Never produced; make do with R98 version.

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1693

31 May 2005 21:15:29

WITHDRAWN specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2**  
R99 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-06  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2001-09-03: S3 secretary reports that this spec is not mature enough for official publication. Work continues in 43.031. SP-18: in fact, in 23.031. *remarks - this release:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031.

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 SP-18: withdrawn [get it](#)

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**TS 03.35 Immediate Service Termination (IST); Stage 2**  
R99 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-06  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* SP-16: withdrawn in favouf of 23.035 R99.

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#)  
SP-11 2001-04-04 8 . 1 . 0 [get it](#)

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**TR 03.43 Support of Videotex**  
R99 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* Frozen at v7

*history (event, available, version, comments, hyperlink):*

frozen at v7 2000-11-20 8 . 0 . 0 (withdrawn) [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1694

31 May 2005 21:15:29

WITHDRAWN specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

R99 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* Sticks at v7

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

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## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

R99 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

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## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R99 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* clamped at v7

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1695

31 May 2005 21:15:29

WITHDRAWN specs R99 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2

R99 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* ROBERTS, Martin Nortel  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* Never produced; make do with R98 version.

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-05-01 8 . 0 . 0

[get it](#)

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## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R99 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

*history (event, available, version, comments, hyperlink):*

smg-31 2000-02-16 8 . 0 . 0 NP-15 withdrawn

[get it](#)

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## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #28: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-28 1999-02-12 8 . 0 . 0

[get it](#)

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R99

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1696

31 May 2005 21:15:29

WITHDRAWN specs R99 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services**  
R99 *current version: Switching Centre (BSS - MSC) interface* none *WG (prime / other):* C3 /- *rapporteur:* KLEHN, Norbert  
SIEMENS AG

*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 8 . 0 . 0 withdrawn [get it](#)

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**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**  
R99 *current version: none* *WG (prime / other):* C1 /- *rapporteur:* JACOBSONH, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

*history (event, available, version, comments, hyperlink):*  
smg-31 2000-02-16 8 . 0 . 0 [get it](#)  
Editorial correction 2000-04-27 8 . 0 . 1 NP-15 withdrawn [get it](#)

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**TS 04.94 Follow Me Service description; Stage 3**  
R99 *current version: none* *WG (prime / other):* - /- *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* N, A  
*remarks - general:* TF139 proposes to abandon; not needed. USSD does all. *remarks - this release:* scrapped whilst still on starting block

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1697

31 May 2005 21:15:29

WITHDRAWN specs R99 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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R99 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.14 Release independent frequency bands; Implementation guidelines**

R99 *current version:* none *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. Changed from G2 to G1 at same time. From R99 onwards, the requirements are incorporated into the mainstreams specs. *remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R99 will not be produced (source: Usai 2001-01-05)

*history (event, available, version, comments, hyperlink):*

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R99 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**

R99 *current version:* none *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0 withdrawn -> 27.001 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1698

31 May 2005 21:15:29

WITHDRAWN specs R99 07 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0

[get it](#)

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## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* C3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*

smg-29 1999-06-25 8 . 0 . 0

[get it](#)

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## TS 07.08 GSM Application Programming Interface

R99 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* JURISIC, Andrijana VIPnet d.o.o  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: Moved to current group on closure of T2; see TP-050062. *remarks - this release:* Frozen at v5

*history (event, available, version, comments, hyperlink):*

Creation of R99 2000-06-30 8 . 0 . 0

[get it](#)

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R99

09 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1699

31 May 2005 21:15:29

WITHDRAWN specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone**  
R99 *current version: Network (PSTN)* none *WG (prime / other):* C3 /- *rappporteur:* BELLING, Thomas  
SIEMENS AG

*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 8 . 0 . 0

[get it](#)

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**TS 09.14 Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol**  
R99 *current version: none* *WG (prime / other):* TISPAN/ C4 *rappporteur:* SPORTON, Simon VODAFONE Group Plc  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:*  
*remarks - general:* EN 302 646 *remarks - this release:* May00: Possibly no need for an update.

*history (event, available, version, comments, hyperlink):*  
WITHDRAWN 2000-05-29 8 . 0 . 0

[get it](#)

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**TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification**  
R99 *current version: none* *WG (prime / other):* C1 /- *rappporteur:* DAWES, Peter VODAFONE LTD  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

*history (event, available, version, comments, hyperlink):*  
smg-29 1999-06-25 8 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1700

31 May 2005 21:15:30

WITHDRAWN specs R99 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
R99 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* Skov  
G: yes U: *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

*history (event, available, version, comments, hyperlink):*

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R99 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.43 Support of Localised Service Area (SoLSA); Work Item Status**  
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

*history (event, available, version, comments, hyperlink):*

draft 1998-04-17 1 . 2 . 0 empty!  
smg-28 1999-06-30 1 . 11 . 0

[get it](#)  
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1701

31 May 2005 21:15:30

WITHDRAWN specs R99 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)**

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH  
*freeze\_meeting:* SP-06

*G:* yes *U:* *MCC:* HAN, Seung Don

*remarks - general:* TSG#9:withdrawn cos contains misleading information/references *remarks - this release:* No R99 impact.

*history (event, available, version, comments, hyperlink):*

WITHDRAWN 2000-03-14 8 . 0 . 0 [get it](#)

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**TR 10.76 Noise suppression for the AMR codec; Project scheduling and open issues**

R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-06

*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* 2002-01-23: Usai indicates "stopped". *remarks - this release:* 2002-01-23: Usai indicates "stopped".

*history (event, available, version, comments, hyperlink):*

draft 1999-08-15 0 . 0 . 8 [get it](#)  
draft 1999-10-15 1 . 0 . 0 2002-01-23: Usai indicates "stopped". [get it](#)

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**TS 10.89 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;**

R99 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* 2002-01-23: Usai indicates "stopped". *remarks - this release:* 2002-01-23: Usai indicates "stopped".

*history (event, available, version, comments, hyperlink):*

draft 2000-03-14 0 . 0 . 3 [get it](#)  
draft 2000-04-08 0 . 0 . 4 [get it](#)  
draft 2000-04-19 0 . 0 . 5 [get it](#)  
draft 2000-08-04 0 . 0 . 6 2002-01-23: Usai indicates "stopped". [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1702

31 May 2005 21:15:30

WITHDRAWN specs R99 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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R99 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R99 *current version:* none *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* proposed, but nya; flagged as withdrawn at SMG#32 to make life easier

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

---

**TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

R99 *current version:* none *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* SP-06 NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* skipped straight to R00.

*history (event, available, version, comments, hyperlink):*

Upgraded to R99 2000-06-30 8 . 0 . 0

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1703

31 May 2005 21:15:30

WITHDRAWN specs R99 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-5 Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)**

R99 *current version:* none *WG (prime / other):* G3new/ T1 *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* BAEV, Stoyan

*remarks - general:* Back formation from 51.010-5, which was developed under Rel-5. *remarks - this release:* GP-23: Decided not to back create from Rel-6.

*history (event, available, version, comments, hyperlink):*

---

**TS 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface**

R99 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* Sanders Oct 2000: Effectively replaced by 31.101.

*history (event, available, version, comments, hyperlink):*

Upgrade to R99 2000-06-30 8 . 0 . 0

[get it](#)

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R99

21 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TS 21.010 reserved**

R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-06 G: U: yes *MCC:* POPE, Maurice

*remarks - general:* *remarks - this release:* 3.0.0 dates from June 99

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1704

31 May 2005 21:15:30

WITHDRAWN specs R99 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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## TS 21.100 3G specification handling procedures

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* *U:* yes *MCC:* N, A

*remarks - general:* Knobbed prior to SA#8.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-28 1 . 0 . 0

[get it](#)

---

## TR 21.810 Report on multi-mode UE issues; ongoing work and identified additional work

R99 *current version:* none  
*freeze\_meeting:* SP-08

*WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH

*G:* *U:* yes *MCC:* HAN, Seung Don

*remarks - general:* Was formerly 21.910. Renumbered at TSG#7. TP-27: withdraw, obsolete.

*remarks - this release:* TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

*history (event, available, version, comments, hyperlink):*

TP-07 2 . 0 . 0

TP-08 2000-06-23 3 . 0 . 0

[get it](#)

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## TS 21.906 reserved

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G:* *U:* yes *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft 1999-03-04 0 . 0 . 0

SP-03 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1705

31 May 2005 21:15:30

WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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R99 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1**

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 1 [get it](#)  
SP-08 2000-06-28 3 . 1 . 0 [get it](#)

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**TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1**

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4. *remarks - this release:* 2001-01-22: Scrapped. 02.53 is retained.

*history (event, available, version, comments, hyperlink):*

SP-06 3 . 0 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1706

31 May 2005 21:15:30

WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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## TR 22.907 Terminal concepts

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES  
*G:* *U:* yes *MCC:* N, A

*remarks - general:* CR at TSG#4 Not maintained

*remarks - this release:* Withdrawn (Clayton 2000-02-11)

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1997-10-19	0	0	2	<a href="#">get it</a>
First complete draft	1997-12-19	1	0	0	<a href="#">get it</a>
WG approval	1998-02-15	2	0	0	<a href="#">get it</a>
smg-25	1998-03-20	3	0	0	<a href="#">get it</a>
SP-03	1999-04-22	3	1	2	<a href="#">get it</a>
SP-04	1999-06-23	3	1	3	<a href="#">get it</a>

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## TR 22.924 Charging and accounting mechanisms

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* N, A

*remarks - general:*

*remarks - this release:*

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1997-10-19	0	0	1	<a href="#">get it</a>
First complete draft	1997-12-19	1	2	1	<a href="#">get it</a>
WG approval	1997-02-15	2	0	0	<a href="#">get it</a>
smg-25	1998-03-20	3	0	0	<a href="#">get it</a>
smg-28	1999-02-15	3	1	0	<a href="#">get it</a>
SP-03	1999-04-23	3	1	1	<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1707

31 May 2005 21:15:30

WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.925 Quality of Service (QoS) and network performance**

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* ERIKSSON, Olle  
*G:* *U:* yes *MCC:* N, A

Telefon AB LM Ericsson

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft	1997-06-13	1	.	1	.	0		<a href="#">get it</a>
WG approval	1997-12-19	2	.	0	.	0		<a href="#">get it</a>
smg-25	1998-03-20	3	.	0	.	0		<a href="#">get it</a>
SP-03	1999-04-23	3	.	1	.	1		<a href="#">get it</a>

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**TR 22.960 Mobile multimedia services**

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* AHNBERG, Tomas

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1997-10-17	0	.	0	.	4		<a href="#">get it</a>
First complete draft	1997-12-19	1	.	0	.	0		<a href="#">get it</a>
WG approval	1997-02-15	2	.	0	.	0		<a href="#">get it</a>
SP-03	1999-04-23	3	.	0	.	1	withdrawn	<a href="#">get it</a>

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**TR 22.970 Virtual Home Environment (VHE) Report**

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* OGUNBEKUN, Jumoke  
*G:* *U:* yes *MCC:* N, A

FUJITSU Laboratories of Europe Limited

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	3	.	0	.	1		<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1708

31 May 2005 21:15:30

WITHDRAWN specs R99 22 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TR 22.972 Circuit-switched multimedia**

R99 *current version:* none

*freeze\_meeting:* SP-06

*WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd

G: U: yes *MCC:* N, A

*remarks - general:* Title grows "cct sw".

*remarks - this release:* Withdrawn (Clayton 2000-02-11)

*history (event, available, version, comments, hyperlink):*

First complete draft 1999-04-23 0 . 0 . 0

[get it](#)

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R99

**23** .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.010 GSM Public Land Mobile Network (PLMN) Connection Types**

R99 *current version:* none

*freeze\_meeting:* SP-08

*WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG

G: U: yes *MCC:* N, A

*remarks - general:* superseded by 23.910

*remarks - this release:* TSG#7:3.0.0 - later scrapped

*history (event, available, version, comments, hyperlink):*

SP-03 1999-05-30 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1709

31 May 2005 21:15:30

WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.022 Functions related to Mobile Station (MS) in idle mode and group receive mode**  
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-06 G: yes U: yes *MCC:* N, A  
*remarks - general:* Superseded by 23.122 *remarks - this release:* 3.1.0 dates from June 99

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0  
SP-04 1999-06-23 3 . 1 . 0

[get it](#)  
[get it](#)

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**TS 23.043 Support of Videotex**  
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* SP-08 G: U: yes *MCC:* N, A  
*remarks - general:* *remarks - this release:* 3.0.0 Apr 99 - later scrapped

*history (event, available, version, comments, hyperlink):*

SP-03 1999-05-30 3 . 0 . 0

[get it](#)

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**TS 23.044 Support of Teletex**  
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*freeze\_meeting:* SP-08 G: U: yes *MCC:* N, A  
*remarks - general:* *remarks - this release:* 3.0.0 Apr 99 - later scrapped

*history (event, available, version, comments, hyperlink):*

SP-03 1999-05-30 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1710

31 May 2005 21:15:30

WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.045 Technical Realization of Facsimile Group 3 Service - transparent

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-08 *G:* *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* Version 8.x.x exists *remarks - this release:* 3.0.0 Apr 99 - reverts to 03.45 v8.0.0

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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## TS 23.046 Technical realisation of facsimile Group 3 service - non-transparent

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* N, A  
*remarks - general:* superseded by 23.146 *remarks - this release:* 3.0.0 Apr 99

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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## TS 23.054 Shared Interworking Functions (SIWF); Stage 2

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* ROSTÖ, Tommy Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* *remarks - this release:* NP-13: withdrawn.

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 NP-13: withdrawn

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1711

31 May 2005 21:15:30

WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.069 Voice Broadcast service (VBS); Stage 2**

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* N1 / - *rapporteur:* DETTNER, Harald SIEMENS AG  
*G:* *U:* yes *MCC:* JURISIC, Andrijana

*remarks - general:* Reverts to 03.69 R99.

*remarks - this release:* 3.0.0 Apr 99 - Reverts to 03.69 R99.

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TS 23.070 Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)**

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* KOSYDAR, L Indicate persons who left Company and wait for new One  
*G:* yes *U:* yes *MCC:* N, A

*remarks - general:* N3 indicates not required for R99, so revert to 03.70 R98.

*remarks - this release:* withdrawn NP-06

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TS 23.071 Location Services (LCS); Functional description; Stage 2**

R99 *current version:* none  
*freeze\_meeting:* SP-08

*WG (prime / other):* - / - *rapporteur:* STEER, David G NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* N, A

*remarks - general:* superseded by 25.305

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-04 1999-05-30 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1712

31 May 2005 21:15:30

WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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## TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann. *remarks - this release:* SP-16: reverts to 03.73 since applies to GERAN systems only.

### *history (event, available, version, comments, hyperlink):*

NP-05	1999-10-13	3	.	0	.	0		<a href="#">get it</a>
edito	2000-06-06	3	.	0	.	1	SP-16: reverts to 03.73 since applies to GERAN systems only.	<a href="#">get it</a>

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## TS 23.920 Evolution of the GSM platform towards UMTS

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-08 *G: yes U: yes* *MCC:* N, A

*remarks - general:* *remarks - this release:* Stopped TSG#6

### *history (event, available, version, comments, hyperlink):*

Table of Contents and Scope	1997-10-17	0	.	0	.	3		<a href="#">get it</a>
Transfer to SP SA	1999-03-04	0	.	6	.	1		<a href="#">get it</a>
SP-03	1999-04-23	1	.	0	.	0		<a href="#">get it</a>
WG approval	1999-04-01	1	.	0	.	0		<a href="#">get it</a>
First complete draft	1999-04-01	1	.	0	.	0		<a href="#">get it</a>
SP-04	1999-06-23	3	.	0	.	0		<a href="#">get it</a>
SP-05	1999-10-13	3	.	1	.	0		<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1713

31 May 2005 21:15:30

WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.922 Architecture for an All IP network**

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*remarks - general:* TSG#5: 1.0.0

*WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - this release:* Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 1 . 0 . 0

[get it](#)

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**TR 23.925 UMTS Core network based ATM transport**

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* S2 / - *rapporteur:* ROUZ, Adel FUJITSU Laboratories of Europe Limited  
*G: yes U: yes* *MCC:* POPE, Maurice

*remarks - general:* Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn. SP-20: stopped

*remarks - this release:* SP-20: stopped

*history (event, available, version, comments, hyperlink):*

Table of Contents 1999-04-22 0 . 0 . 1  
and Scope

[get it](#)

SP-03 1999-04-23 0 . 2 . 0 (caution: doc may be corrupted)

[get it](#)

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**TR 23.927 VHE, Open Service Architecture (OSA)**

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U: yes* *MCC:* N, A

*remarks - general:* Replaced by 23.127

*remarks - this release:* Withdrawn (Clayton 2000-02-11).

*history (event, available, version, comments, hyperlink):*

First complete draft 1999-04-23 0 . 0 . 0

[get it](#)

SP-03 1999-04-23 0 . 1 . 0 withdrawn

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1714

31 May 2005 21:15:30

WITHDRAWN specs R99 23 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TR 23.960 Framework of network functions to support multimedia services**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* GABE, Axel SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 0 . 1 . 0 [get it](#)

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R99 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.012 Short Message Service Cell Broadcast (SMS) Support on the Mobile Radio Interface**

R99 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA Ltd  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* THOMASEN, Gert  
*remarks - general:* Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12 R99) and shift responsibility to G2 (and should have been N2 anyway). Agreed to txfer to G2, but still as 24.012. *remarks - this release:* Replaced by 04.12 R99.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 0 [get it](#)

---

**TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND)CP**

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* JURISIC, Andrijana  
*remarks - general:* Scrapped: is GSM only *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08 withdrawn; not required for 3G.

*history (event, available, version, comments, hyperlink):*

NP-03 1999-04-23 3 . 0 . 0 [get it](#)  
NP-04 1999-05-27 3 . 1 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1715

31 May 2005 21:15:30

WITHDRAWN specs R99 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.068 Group Call Control (GCC) Protocol**

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* GSM only for R99. *remarks - this release:* GSM only for R99.

*history (event, available, version, comments, hyperlink):*

NP-03 3 . 0 . 0  
NP-04 3 . 1 . 0

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**TS 24.069 Broadcast Call Control (BCC) protocol**

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* JURISIC, Andrijana  
*remarks - general:* GSM only for R99. *remarks - this release:* GSM only for R99.

*history (event, available, version, comments, hyperlink):*

NP-03 3 . 0 . 0  
NP-04 3 . 1 . 0

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**TS 24.094 Follow Me; Stage 3**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* N, A  
*remarks - general:* TF139 proposes to abandon; not needed. USSD does all. *remarks - this release:* USSD does all. No draft expected.

*history (event, available, version, comments, hyperlink):*

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R99

25 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1716

31 May 2005 21:15:30

WITHDRAWN specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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## TS 25.053 Tandem Free Operation (TFO); Service description; Stage 2

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* yes *U:* yes *MCC:* N, A

*remarks - general:* No draft. Anyway, should have been 23.053.

*remarks - this release:* no draft ever materialised

*history (event, available, version, comments, hyperlink):*

---

## TS 25.103 RF parameters in support of RRM

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* R4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.  
*G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:* Withdrawn in favour of 25.123 & 25.133

*remarks - this release:* Withdrawn

*history (event, available, version, comments, hyperlink):*

First complete draft	1999-03-04	0	.	0	.	0
NP-03	1999-04-23	0	.	1	.	0
NP-04	1999-06-23	1	.	0	.	0
NP-05	1999-10-13	2	.	0	.	0

[get it](#)

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## TR 25.831 Study Items for future release

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* RP-19 (post R3-31): stopped.

*history (event, available, version, comments, hyperlink):*

RP-03	1999-04-23	0	.	0	.	0
RP-04	1999-06-23	0	.	0	.	2

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1717

31 May 2005 21:15:31

WITHDRAWN specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.923 Stage 2 Functional Specification of Location Services in UTRAN**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* STEER, David G NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 G: U: yes *MCC:* N, A  
*remarks - general:* superseded by 25.305 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft	1999-04-30	1	.	0	.	0	<a href="#">get it</a>
draft	1999-09-01	1	.	2	.	0	<a href="#">get it</a>
draft	1999-09-30	1	.	4	.	0	<a href="#">get it</a>

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**TR 25.926 UE Radio Access capabilities definition**

R99 *current version:* none *WG (prime / other):* R2 / - *rapporteur:* LUNDSJÖ, Johan Ericsson AB  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* ARZELIER, Claude  
*remarks - general:* ->25.306 Nov 00. *remarks - this release:* Nov00->25.306 but first ->TSG#10:3.3.0

*history (event, available, version, comments, hyperlink):*

RP-05	1999-10-13	0	.	0	.	0	<a href="#">get it</a>
R2-08	1999-11-30	0	.	1	.	0	<a href="#">get it</a>
R2-09	1999-12-17	1	.	0	.	0	<a href="#">get it</a>
RP-07	2000-03-15	3	.	0	.	0	<a href="#">get it</a>
RP-08	2000-06-23	3	.	1	.	0	<a href="#">get it</a>
RP-08	2000-10-06	3	.	2	.	0	<a href="#">get it</a>
RP-10	2000-12-15	3	.	3	.	0	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1718

31 May 2005 21:15:31

WITHDRAWN specs R99 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TR 25.990 Vocabulary for UTRAN**

R99 *current version:* none  
*freeze\_meeting:* SP-05  
*remarks - general:* ->21.905

*WG (prime / other):* R4 / - *rapporteur:* OKRAH, Peter Motorola Inc.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - this release:* Will be withdrawn when 21.905 is updated with all the contents of this TR. RP-15; the update was done at RP-13, so this can now be withdrawn.

*history (event, available, version, comments, hyperlink):*

RP-03 1999-04-23 0 . 0 . 2  
RP-04 1999-06-23 0 . 1 . 4  
RP-05 1999-10-13 3 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

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**TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release**

R99 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected *remarks - this release:* No technical contents, merely a pointer to the latest Release version.  
the notion of this TR, so stopped.

*history (event, available, version, comments, hyperlink):*

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R99

26 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1719

31 May 2005 21:15:31

WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.075 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**  
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* N, A  
*remarks - general:* Created TSG#6. Replaced by '975 at TSG#7. *remarks - this release:* replaced by 26.975

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-23	0	.	0	.	0	<a href="#">get it</a>
SP-06	1999-12-17	1	.	0	.	0	<a href="#">get it</a>
SP-05	1999-10-13	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	1	.	0	.	0	<a href="#">get it</a>
Editorial	2000-06-23	1	.	2	.	0	<a href="#">get it</a>

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**TS 26.112 Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements**  
R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Contents ultimately transferred to 24.008.

*history (event, available, version, comments, hyperlink):*

SP-03	1999-04-26	1	.	0	.	0	<a href="#">get it</a>
SP-04	1999-06-23	1	.	1	.	0	<a href="#">get it</a>

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**TS 26.115 Echo control for speech and multimedia services**  
R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* Feb00: 0.0.1 - Withdrawn in favour of 26.915; will be reinstated for Rel-4.

*history (event, available, version, comments, hyperlink):*

Creation of W1 by	2000-02-02	0	.	0	.	1	<a href="#">get it</a>
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WG/TB

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1720

31 May 2005 21:15:31

WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.121 Technical Specification for Tandem Free Operation within 3G networks**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* OHANA, Alain Cingular Wireless LLC  
*freeze\_meeting:* SP-08 G: U: yes *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 26.122 Technical Specification for Tandem Free Operation between 3G and 2G networks**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* OHANA, Alain Cingular Wireless LLC  
*freeze\_meeting:* SP-07 G: U: yes *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 26.133 Wide band speech telephony terminal acoustic characteristics**

R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-06 G: U: yes *MCC:* USAI, Paolino One  
*remarks - general:* Stopped: Included in 26.131 & '132. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1721

31 May 2005 21:15:31

WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.134 Wide band speech telephony terminal acoustic test specification**  
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino One  
*remarks - general:* Stopped: Included in 26.131 & '132. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 26.135 Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony**  
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* Stopped: Included in 26.131 & '132. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 26.136 Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony**  
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* Stopped: Included in 26.131 & '132. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1722

31 May 2005 21:15:31

WITHDRAWN specs R99 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.137 Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony**  
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* Stopped: Included in 26.131 & '132. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 26.138 Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony**  
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* Stopped: Included in 26.131 & '132. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G**  
R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 0 . 0 . 0  
SP-04 1999-06-23 0 . 0 . 1

[get it](#)  
[get it](#)

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R99 28 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1723

31 May 2005 21:15:31

WITHDRAWN specs R99 28 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

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**TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3**

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*remarks - general:* Transfer>TSG#4 *remarks - this release:* withdrawn from R99.

*history (event, available, version, comments, hyperlink):*

SP-05 1999-10-13 3 . 0 . 0

[get it](#)

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R99 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.004 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)**

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* HAN, Seung Don  
*remarks - general:* N3 indicates not required for R99, so revert to 09.04 R98. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TS 29.005 Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access**

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* HAN, Seung Don  
*remarks - general:* N3 indicates not required for R99, so revert to 09.05 R98. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1724

31 May 2005 21:15:31

WITHDRAWN specs R99 29 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

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**TS 29.006 Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services**  
R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BRAUN, Achim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-03 One  
*G:* yes *U:* yes *MCC:* HAN, Seung Don  
*remarks - general:* N3 indicates not required for R99, so revert to 09.06 R98. *remarks - this release:* withdrawn NP-06

*history (event, available, version, comments, hyperlink):*

SP-03 1999-04-23 3 . 0 . 0

[get it](#)

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**TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards**  
R99 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*remarks - general:* RP-19: stopped. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R99 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1725

31 May 2005 21:15:31

WITHDRAWN specs R99 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.531 Work Plan and Study Items - RAN WG3

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG  
*G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

*remarks - general:*

*remarks - this release:* 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to Rel-6

### *history (event, available, version, comments, hyperlink):*

draft	1999-02-15	0	.	0	.	1		<a href="#">get it</a>
draft	1999-03-15	0	.	0	.	2		<a href="#">get it</a>
draft	1999-04-15	0	.	0	.	3		<a href="#">get it</a>
RP-03	1999-04-23	0	.	1	.	0		<a href="#">get it</a>
draft	1999-05-15	0	.	1	.	1		<a href="#">get it</a>
RP-04	1999-06-23	0	.	1	.	2		<a href="#">get it</a>
RP-05	1999-10-13	0	.	3	.	1		<a href="#">get it</a>
draft	1999-10-30	0	.	3	.	2		<a href="#">get it</a>
draft	1999-11-15	0	.	4	.	0		<a href="#">get it</a>
draft	1999-11-30	0	.	4	.	1		<a href="#">get it</a>
RP-06	1999-12-12	0	.	5	.	0		<a href="#">get it</a>
draft	2000-01-15	0	.	5	.	1		<a href="#">get it</a>
draft	2000-02-15	0	.	6	.	0		<a href="#">get it</a>
draft	2000-02-20	0	.	6	.	1		<a href="#">get it</a>
RP-07	2000-03-15	0	.	7	.	0	RP-000142	<a href="#">get it</a>
draft	2000-03-30	0	.	7	.	1		<a href="#">get it</a>
RP-08	2000-06-23	0	.	8	.	0		<a href="#">get it</a>
RP-09	2000-08-15	0	.	8	.	1		<a href="#">get it</a>
RP-09	2000-10-03	0	.	8	.	2		<a href="#">get it</a>
RP-10		0	.	8	.	5	RP-000688	
draft	2000-12-21	0	.	8	.	6		<a href="#">get it</a>
RP-11	2001-03-27	0	.	8	.	8		<a href="#">get it</a>
RP-12	2001-07-05	0	.	9	.	0	RP-010388	<a href="#">get it</a>
RP-13	2001-10-01	0	.	9	.	2	RP-010604	<a href="#">get it</a>
draft	2001-11-23	0	.	9	.	3	R3-013076	<a href="#">get it</a>
R3-42	2004-05-04	0	.	13	.	1	R3-040684	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1726

31 May 2005 21:15:31

WITHDRAWN specs R99 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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R99 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TR 31.900 SIM/USIM internal and external interworking aspects**

R99 *current version:* none *WG (prime / other):* C6 / *rapporteur:* KALINER, Stefan T-Mobile International AG  
*freeze\_meeting:* TP-12 *G:* *U:* yes *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.

*history (event, available, version, comments, hyperlink):*

TP-11	2001-04-05	1	.	0	.	0	Thought to have been approved as 3.0.0, <a href="#">get it</a> but in fact was not! (JMM after Sanders 2001-05-16)
TP-12		2	.	0	.	0	TP-010113
TP-12	2001-07-06	3	.	0	.	0	<a href="#">get it</a>
TP-13	2001-10-12	3	.	1	.	0	<a href="#">get it</a>
TP-15	2002-03-28	3	.	2	.	0	TP-16: withdrawn; only Rel-5 remains valid. <a href="#">get it</a>

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R99 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.008 Subscriber and Equipment trace**

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* SJÖBLOM, Kai NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* N, A

*remarks - general:* Existence deduced from STF139 programme. But denied by Sjöblom. *remarks - this release:* Not to be produced.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1727

31 May 2005 21:15:31

WITHDRAWN specs R99 32 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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## TS 32.106 Configuration Management

R99 *current version:* none  
*freeze\_meeting:* SP-07  
*remarks - general:* TSG#8: split into eight parts

*WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - this release:* SP-08: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0		<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0		<a href="#">get it</a>
SP-07		2	.	0	.	0		
SP-07	2000-03-17	3	.	0	.	0		<a href="#">get it</a>
Editorial	2000-03-17	3	.	0	.	1	withdrawn SP-08	<a href="#">get it</a>

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## TS 32.111 3G Fault Management

R99 *current version:* none  
*freeze\_meeting:* SP-08  
*remarks - general:* TSG#8: split into 4 parts

*WG (prime / other):* S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.  
*G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - this release:* TSG#8: multipart split from parent 3.0.1

*history (event, available, version, comments, hyperlink):*

SP-05	1999-10-13	1	.	0	.	0		<a href="#">get it</a>
SP-06	1999-12-17	1	.	1	.	0		<a href="#">get it</a>
SP-07	2000-03-17	3	.	0	.	0		<a href="#">get it</a>
Editorial	2000-03-17	3	.	0	.	1		<a href="#">get it</a>
SP-08: split into parts	2000-06-23	3	.	1	.	0		<a href="#">get it</a>
Formatting	2000-07-18	3	.	2	.	0		<a href="#">get it</a>

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R99

33 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1728

31 May 2005 21:15:31

WITHDRAWN specs R99 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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**TR 33.900 Guide to 3G security**  
R99 *current version:* none  
*freeze\_meeting:* SP-06  
*remarks - general:*

*WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - this release:* New at TSG#6

*history (event, available, version, comments, hyperlink):*

SP-08 2000-06-23 1 . 2 . 0

[get it](#)

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**TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions**  
R99 *current version:* none  
*freeze\_meeting:* SP-10  
*remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - this release:* TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.

*history (event, available, version, comments, hyperlink):*

SP-10 2001-01-16 1 . 0 . 0 SP-000629

SP-10 3 . 0 . 0 withdrawn, not needed for R99

[get it](#)

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R99

35 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1729

31 May 2005 21:15:31

WITHDRAWN specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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<b>TS 35.205</b>	<b>3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document</b>	R99	current version: 1: General	none	WG (prime / other):	S3	/-	rporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting:	SP-10		G:	U: yes			MCC:	CLAYTON, Michael
remarks - general:	ex SAGE. 2002-06: clarified that deliverable is TS not TR.							remarks - this release:	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4.
history (event, available, version, comments, hyperlink):									
	SP-10	2001-05-09	3 . 0 . 0	SAGE only supplied PDF, so no real deliverable yet available - SP-000630		<a href="#">get it</a>			

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<b>TS 35.206</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document</b>	R99	current version: 2: Algorithm specification	none	WG (prime / other):	S3	/-	rporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting:	SP-10		G:	U: yes			MCC:	CLAYTON, Michael
remarks - general:	ex SAGE							remarks - this release:	TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4.
history (event, available, version, comments, hyperlink):									
	SP-10	2001-05-09	3 . 0 . 0	SP-000673		<a href="#">get it</a>			

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<b>TS 35.207</b>	<b>3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document</b>	R99	current version: 3: Implementors' test data	none	WG (prime / other):	S3	/-	rporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting:	SP-10		G:	U: yes			MCC:	CLAYTON, Michael
remarks - general:	ex SAGE							remarks - this release:	.TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4.
history (event, available, version, comments, hyperlink):									
	SP-10	2001-05-09	3 . 0 . 0	SP-000630		<a href="#">get it</a>			

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1730

31 May 2005 21:15:31

WITHDRAWN specs R99 35 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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**TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
R99 *current version: 4: Design conformance test data* none *WG (prime / other):* S3 */-* *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-10 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4.

*history (event, available, version, comments, hyperlink):*

SP-10 2001-05-09 3 . 0 . 0 SP-000630

[get it](#)

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**TS 35.209 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1\*, f2, f3, f4, f5 and f5\*; Document**  
R99 *current version: 5: Summary and results of design and evaluation* none *WG (prime / other):* S3 */-* *rapporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*remarks - general:* ex SAGE *remarks - this release:* This turns out to be a report, so -> 35.909.

*history (event, available, version, comments, hyperlink):*

SP-11 3 . 0 . 0

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R99 **55** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1731

31 May 2005 21:15:31

WITHDRAWN specs R99 55 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

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**TS 55.205**    **Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8**  
R99    *current version:* none    *WG (prime / other):* S3 / -    *rapporteur:* WALKER, Michael    VODAFONE Group Plc  
*freeze\_meeting:* SP-26    *G:* yes    *U:*    *MCC:* CLAYTON, Michael  
*remarks - general:*    Not subject to export control.    *remarks - this release:* Fill in of missing Release SP-26: decided that no need to back-fill earlier Releases.

*history (event, available, version, comments, hyperlink):*

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## UMTS

UMTS    00 .- series    Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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**TR 00.01U**    **Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)**  
UMTS    *current version:* none    *WG (prime / other):* SMG5 /    *rapporteur:* RAPELI, Juha    PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:*    *G:*    *U:* yes    *MCC:*  
*remarks - general:*    *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-03	1994-11-18	3	.	0	.	0		<a href="#">get it</a>
smg-18	1996-05-21	3	.	1	.	0	SMG-24: withdrawn	<a href="#">get it</a>
smg-19	1996-09-04	3	.	2	.	0		<a href="#">get it</a>

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# 3GPP specification status

Page 1732

31 May 2005 21:15:31

WITHDRAWN specs UMTS 00 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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**TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes**

UMTS *current version:* none *WG (prime / other):* SMG5 / *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:* G: U: yes *MCC:*  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-05 3 . 0 . 0

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UMTS **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.01U Universal Mobile Telecommunications System (UMTS); Objectives and overview**

UMTS *current version:* none *WG (prime / other):* SP / - *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
ETSI publication 3 . 0 . 0

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# 3GPP specification status

Page 1733

31 May 2005 21:15:31

WITHDRAWN specs UMTS 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.03U Universal Mobile Telecommunications System (UMTS); System requirements**

UMTS *current version:* none *WG (prime / other):* SMG5 / - *rapporteur:* RICHARDS, Derek IPWireless Inc.  
*freeze\_meeting:* G: yes U: MCC:  
*remarks - general:* ETSI ETR 291 withdrawn. *remarks - this release:* ETSI ETR 291, withdrawn.

*history (event, available, version, comments, hyperlink):*

ETSI publication 1996-05-15 3 . 1 . 0 withdrawn

[get it](#)

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**TR 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)**

UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* G: yes U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-19 1996-09-28 3 . 0 . 0

[get it](#)

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**TR 01.05U System design methodology for the UMTS**

UMTS *current version:* none *WG (prime / other):* SMG5 / - *rapporteur:* VACANT,  
*freeze\_meeting:* G: yes U: MCC:  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1 . 0 . 0

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# 3GPP specification status

Page 1734

31 May 2005 21:15:32

WITHDRAWN specs UMTS 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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UMTS **02** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.01U Framework for services to be supported by UMTS**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: yes U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Suspended 1996-04-10 3 . 0 . 0  
animation

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UMTS **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): SP / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: U: yes MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Suspend work 1996-10-10 2 . 0 . 0

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UMTS **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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# 3GPP specification status

Page 1735

31 May 2005 21:15:32

WITHDRAWN specs UMTS 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TR 05.01U Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS**

UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One

*remarks - general:* G: U: yes *MCC:* POPE, Maurice *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 1997-10-10 2 . 0 . 0 [get it](#)

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UMTS 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TR 06.01U Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS**

UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One

*remarks - general:* G: U: yes *MCC:* POPE, Maurice *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 1996-10-10 3 . 0 . 0 [get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1736

31 May 2005 21:15:32

WITHDRAWN specs UMTS 06 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

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**TR 06.02U Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS**  
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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UMTS **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TR 07.01U Universal Mobile Telecommunications System (UMTS); Integration of audio/visual source coding into UMTS**  
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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UMTS **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1737

31 May 2005 21:15:32

WITHDRAWN specs UMTS 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TT 12.01U Framework for satellite integration with the UMTS

UMTS  
*current version:* none  
*freeze\_meeting:*

*WG (prime / other):* S5 / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Waiting - see 1995-10-12 3 . 0 . 0  
"secretariat  
comments"

[get it](#)

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## TR 12.02U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

UMTS  
*current version:* none  
*freeze\_meeting:*

*WG (prime / other):* S5 / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Waiting - see 1996-10-10 3 . 0 . 0  
"secretariat  
comments"

[get it](#)

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UMTS **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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# 3GPP specification status

Page 1738

31 May 2005 21:15:32

WITHDRAWN specs UMTS 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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**TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept**  
UMTS *current version: none*  
*freeze\_meeting:*

*remarks - general:*

*WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: U: *MCC:* USAI, Paolino  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-22 1997-06-13 3 . 0 . 0  
ETSI publication 1998-11-03 3 . 0 . 1

[get it](#)  
[get it](#)

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**TS 21.04U Requirements for the support of data services in UMTS**  
UMTS *current version: none*  
*freeze\_meeting:*

*remarks - general:*

*WG (prime / other):* - / - *rapporteur:* HOLLEY, Kevin O2 plc  
G: U: *MCC:* N, A  
*remarks - this release:* #26: 0.0.2 or perhaps as 1.0.0

*history (event, available, version, comments, hyperlink):*

draft 2000-01-17 1 . 0 . 0

[get it](#)

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**TR 21.06U O&M requirements for the UMTS**  
UMTS *current version: none*  
*freeze\_meeting:*

*remarks - general:*

*WG (prime / other):* - / - *rapporteur:* WEICHSELBAUM, Steffen Vodafone D2 GmbH  
G: U: *MCC:* N, A  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

First complete draft 1997-10-19 1 . 0 . 0  
Milestone 1 1997-12-19 1 . 1 . 2  
WG approval 1997-02-17 2 . 0 . 0  
smg-25 1998-03-20 3 . 0 . 0

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[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1739

31 May 2005 21:15:32

WITHDRAWN specs UMTS 21 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

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UMTS **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.00U UMTS Phase 1**  
UMTS *current version:* none *freeze\_meeting:*  
*WG (prime / other):* - / - *rapporteur:* VERRIER, David Indicate persons who left Company and wait for new One  
*G:* *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27		1	.	0	.	0
draft	1998-11-24	1	.	3	.	0

[get it](#)

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**TS 22.01U Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles**  
UMTS *current version:* none *freeze\_meeting:*  
*WG (prime / other):* - / - *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)  
*G:* *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-21		3	.	0	.	0
smg-22		3	.	1	.	0
smg-24		3	.	2	.	1
smg-27	1998-10-17	3	.	3	.	0

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1740

31 May 2005 21:15:32

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Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

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**TS 22.05U Services and service capabilities**

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* PUGA PEREIRA,  
Emmanuel  
*G:* *U:* *MCC:* N, A

Indicate persons who left Company and wait for new  
One

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 3 . 0 . 0  
smg-26 1998-07-01 3 . 1 . 0

[get it](#)

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**TR 22.07U UMTS terminal and smart card concepts**

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* SMOLANDER, Jouni  
*G:* yes *U:* *MCC:* N, A

NOKIA Corporation

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 3 . 0 . 0  
smg-27 3 . 1 . 0  
edito 1998-10-29 3 . 1 . 1

[get it](#)

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**TS 22.21U Virtual Home Environment**

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* OGUNBEKUN, Jumoke  
*G:* *U:* *MCC:* N, A

FUJITSU Laboratories of Europe Limited

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1741

31 May 2005 21:15:32

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## TS 22.24U Charging and Accounting Mechanism

UMTS *current version: none*

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* CHAMBERS, David MOTOROLA Ltd

*G:* *U:* *MCC:* N, A

*remarks - general:*

*remarks - this release: #25: 3.0.0*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-05-28 3 . 0 . 0

[get it](#)

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## TS 22.25U Quality of Service (QoS) and network performance

UMTS *current version: none*

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* TIAINEN, Seppo TeliaSonera AB

*G:* *U:* *MCC:* N, A

*remarks - general:*

*remarks - this release: #25: 3.1.0*

*history (event, available, version, comments, hyperlink):*

smg-25 1998-05-28 3 . 1 . 0

[get it](#)

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## TS 22.29U Handover Requirements between UMTS and GSM or other RadioSystems

UMTS *current version: none*

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* COOPER, David Panasonic Mobile Communication Development of Europe Limited (PMCDE)

*G:* *U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1742

31 May 2005 21:15:32

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**TS 22.30U Service requirements on security**  
UMTS *current version: none* *freeze\_meeting:* WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One  
G: U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 22.35U Service requirements on numbering, addressing and identities**  
UMTS *current version: none* *freeze\_meeting:* WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One  
G: U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 22.40U Charging, billing and accounting principles**  
UMTS *current version: none* *freeze\_meeting:* WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One  
G: U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1743

31 May 2005 21:15:32

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**TS 22.45U Human Factors,service principles and their application to UMTS**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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**TS 22.50U Subscriber and service profile requirements**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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**TS 22.55U UMTS user identity modules**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1744

31 May 2005 21:15:32

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## TS 22.60U Mobile multimedia services including mobile Intranet and Internet services

UMTS *current version: none* *freeze\_meeting:* *WG (prime / other): - / -* *rapporteur:* AHNBERG, Tomas Indicate persons who left Company and wait for new One  
*G:* *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release: #25: 3.0.0*

*history (event, available, version, comments, hyperlink):*  
smg-25 1998-05-28 3 . 0 . 0

[get it](#)

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## TS 22.70U Virtual Home Environment

UMTS *current version: none* *freeze\_meeting:* *WG (prime / other): - / -* *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
*G:* *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release: #25: 3.0.0*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 7 1997-10-19  
draft 1 . 0 . 0 1997-12-19  
draft 2 . 0 . 0 1998-02-15  
smg-25 2001-05-28 3 . 0 . 0

[get it](#)

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## TS 22.71U Service aspects; Automatic Establishment of Roaming Relationships

UMTS *current version: none* *freeze\_meeting:* *WG (prime / other): - / -* *rapporteur:*  
*G:* *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release: #25: 3.0.0 #27: 3.0.1*

*history (event, available, version, comments, hyperlink):*  
smg-25 3 . 0 . 0  
smg-27 1998-10-17 3 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Page 1745

31 May 2005 21:15:32

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## TS 22.72U Real Time Multimedia in UMTS

UMTS *current version: none*

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* FISCHER, Ralf

*G:* *U:* *MCC:* N, A

ROBERT BOSCH GmbH

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

---

## TS 22.75U Service aspects; Advanced addressing

UMTS *current version: none*

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* KLEIER, Stephan

*G:* *U:* *MCC:* N, A

Vodafone D2 GmbH

*remarks - general:*

*remarks - this release:* #25: 2.0.0 #27: 3.0.0

*history (event, available, version, comments, hyperlink):*

smg-25 2 . 0 . 0

smg-27 1998-10-17 3 . 0 . 0

[get it](#)

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## TR 22.80U UMTS Relationship to other Standards

UMTS *current version: none*

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* AXERUD, Bo

*G:* *U:* *MCC:* N, A

NOKIA TELECOMMUNICATIONS FINLAND

*remarks - general:*

*remarks - this release:* #24: 2.0.1

*history (event, available, version, comments, hyperlink):*

First complete draft 1997-10-19 1 . 0 . 2

[get it](#)

WG approval 1997-11-07 2 . 0 . 0

[get it](#)

Under TB change 1998-03-20 2 . 0 . 1

[get it](#)

control.

Milestone 1 1997-12-19 2 . 0 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1746

31 May 2005 21:15:32

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UMTS **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

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**TS 23.01U General UMTS architecture**

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* smg1 / smg0 *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson  
3

*G:* *U:* *MCC:* SULTAN, Alain

*remarks - general:*

*remarks - this release:* #27: for info

*history (event, available, version, comments, hyperlink):*

draft	1998-05-28	0	.	1	.	0	
draft	1998-08-04	0	.	7	.	0	
smg-27		1	.	0	.	0	
smg-28		2	.	0	.	0	
smg-28	1999-02-24	3	.	0	.	0	

[get it](#)

[get it](#)

[get it](#)

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**TS 23.05U UMTS Network principles**

UMTS *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:*  
*G:* *U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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Page 1747

31 May 2005 21:15:32

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**TS 23.10U UMTS Access Stratum; Services and Functions**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / - rapporteur: LOPEZ-TORRES, Oscar Indicate persons who left Company and wait for new One

G: U: MCC: N, A

remarks - general:

remarks - this release: #27: for info

history (event, available, version, comments, hyperlink):

smg-27 1999-02-24 3 . 0 . 0

[get it](#)

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**TS 23.20U Evolution of the GSM platform towards UMTS**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): S2 / - rapporteur: JARVIS, Andre Hutchison 3G UK Ltd (3)

G: U: MCC: POPE, Maurice

remarks - general:

remarks - this release: #27: for info

history (event, available, version, comments, hyperlink):

smg-27 1 . 0 . 0

---

**TS 23.40U UMTS Network Aspects; Relationship with UPT**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One

G: U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1748

31 May 2005 21:15:32

WITHDRAWN specs UMTS 23 .- series  
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**TS 23.50U UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment**  
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: U: *MCC:* N, A One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 23.60U UMTS Network Aspects; UMTS data organization**  
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: U: *MCC:* N, A One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 23.70U UMTS Network Aspects; UMTS operations and procedures**  
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: U: *MCC:* N, A One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1749

31 May 2005 21:15:32

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**TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS**  
UMTS *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* - / *rapporteur:* N, A  
*G:* *U:* *MCC:* N, A

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

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**TS 23.90U UMTS Network Aspects; Network performance requirements**  
UMTS *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* - / *rapporteur:* N, A  
*G:* *U:* *MCC:* N, A

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

---

**TS 23.95U UMTS Network Aspects; Network functions relevant to satellites**  
UMTS *current version: none*  
*freeze\_meeting:*

*WG (prime / other):* - / *rapporteur:* N, A  
*G:* *U:* *MCC:* N, A

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1750

31 May 2005 21:15:32

WITHDRAWN specs UMTS 24 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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UMTS **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.05U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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UMTS **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.05U UMTS Radio Aspects; Multiplexing and multiple access**

UMTS  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1751

31 May 2005 21:15:32

WITHDRAWN specs UMTS 25 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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**TS 25.10U UMTS Radio Aspects; Channel coding**  
UMTS *current version: none*  
*freeze\_meeting:*

*WG (prime / other): - / rapporteur: N, A*  
*G: U: MCC: N, A*

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

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**TS 25.15U UMTS Radio Aspects; Modulation**  
UMTS *current version: none*  
*freeze\_meeting:*

*WG (prime / other): - / rapporteur: N, A*  
*G: U: MCC: N, A*

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

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**TS 25.20U UMTS Radio Aspects; Transmission and reception**  
UMTS *current version: none*  
*freeze\_meeting:*

*WG (prime / other): - / rapporteur: N, A*  
*G: U: yes MCC: N, A*

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1752

31 May 2005 21:15:32

WITHDRAWN specs UMTS 26 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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UMTS **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

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**TS 26.15U** Source coding aspects Aspects; Integration of audio visual coding into UMTS

UMTS current version: none  
freeze\_meeting: WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One  
G: U: MCC: N, A  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

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UMTS **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

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**TR 27.00U** Principles for handling of data services in the UMTS

UMTS current version: none  
freeze\_meeting: WG (prime / other): S5 / - rapporteur: GABE, Axel SIEMENS AG  
G: U: MCC: ZOICAS, Adrian  
remarks - general: remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft 1996-05-01 1 . 2 . 1

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UMTS **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1753

31 May 2005 21:15:32

WITHDRAWN specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.00U SMG - UMTS Work programme**

UMTS *current version:* none

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson

*G:* *U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:* #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1

*history (event, available, version, comments, hyperlink):*

smg-21		3 . 0 . 0	
smg-22		3 . 1 . 0	
smg-23		3 . 2 . 0	
smg-24		3 . 3 . 0	
smg-25		3 . 4 . 0	
smg-26	1998-07-07	3 . 5 . 0	<a href="#">get it</a>
smg-27		3 . 6 . 1	

---

**TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS**

UMTS *current version:* none

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson

*G:* *U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:* #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1

*history (event, available, version, comments, hyperlink):*

smg-22		3 . 0 . 0	
smg-23		3 . 1 . 0	
smg-24		3 . 2 . 0	
smg-25	1998-07-07	3 . 3 . 0	<a href="#">get it</a>
smg-26		3 . 4 . 0	
post smg-27	2002-08-08	3 . 5 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1754

31 May 2005 21:15:32

WITHDRAWN specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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**TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation**

UMTS *current version:* none

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:*

G: U: MCC: N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TR 30.04U Definition of the limited number of UTRA concepts**

UMTS *current version:* none

*freeze\_meeting:*

*WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.

G: U: MCC: USAI, Paolino

*remarks - general:*

*remarks - this release:* #22: 3.0.0

*history (event, available, version, comments, hyperlink):*

First complete draft 1997-06-01 1 . 0 . 0

[get it](#)

smg-22 1997-06-14 3 . 0 . 0

[get it](#)

ETSI publication 1998-11-03 3 . 0 . 1

[get it](#)

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**TR 30.05U UMTS terminology**

UMTS *current version:* none

*freeze\_meeting:*

*WG (prime / other):* - / - *rapporteur:*

G: U: MCC: N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1755

31 May 2005 21:15:33

WITHDRAWN specs UMTS 30 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

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## TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:* G: U: MCC: N, A

*remarks - general:*

*remarks - this release:* #24: 3.1.0

*history (event, available, version, comments, hyperlink):*

SMG approval by 2 . 0 . 0 1997-06  
correspondence  
SMG approval by 3 . 0 . 0 1997-09  
correspondence  
smg-24 1997-12-19 3 . 1 . 0

[get it](#)

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UMTS **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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## TS 31.50U Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz

UMTS *current version:* none *WG (prime / other):* / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* G: U: yes MCC: One

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 0 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1756

31 May 2005 21:15:33

WITHDRAWN specs UMTS 31 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

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**TS 31.60U** **Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz**  
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:*  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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UMTS **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TR 32.01U** **Overall principles of the OAM for the UMTS**  
UMTS *current version:* none *WG (prime / other):* SMG12 / - *rapporteur:* SZELAZEK, Bill Indicate persons who left Company  
and wait for new *freeze\_meeting:* One  
*G:* *U:* yes *MCC:* SULTAN, Alain  
*remarks - general:* *remarks - this release:* No progress since SMG#22.

*history (event, available, version, comments, hyperlink):*  
smg-22 1 . 0 . 0

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UMTS **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1757

31 May 2005 21:15:33

WITHDRAWN specs UMTS 33 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

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## TR 33.20U Security principles for the UMTS

UMTS *current version: none*

*freeze\_meeting:*

WG (prime / other): - / - rapporteur:  
G: U: MCC: N, A  
*remarks - this release: #19: 3.0.0*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

smg-19 1997-06-13 3 . 0 . 0

[get it](#)

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## TS 33.21U Security requirements

UMTS *current version: none*

*freeze\_meeting:*

WG (prime / other): - / - rapporteur:  
G: U: MCC: N, A  
*remarks - this release: #27: for info*

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

draft 1998-07-16 0 . 1 . 0  
draft 1998-07-22 0 . 1 . 1  
draft 1998-07-31 0 . 1 . 2  
smg-27 1998-07-31 1 . 0 . 0  
draft 1998-10-05 1 . 0 . 1  
draft 1998-10-19 1 . 0 . 2  
draft 1998-10-31 1 . 0 . 3  
draft 1998-11-20 1 . 0 . 4  
draft 1999-02-27 1 . 1 . 0  
smg-28 1999-02-27 2 . 0 . 0  
smg-27 1999-02-21 3 . 0 . 0  
smg-28 3 . 0 . 0

[get it](#)  
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UMTS 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1758

31 May 2005 21:15:33

WITHDRAWN specs UMTS 34 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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## TS 34.01U Application integration and application programming interfaces

UMTS *current version:* none *WG (prime / other):* SP / *rporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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UMTS 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

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## TS 35.10U UMTS Terminal aspects;Man Machine Interface (MMI)

UMTS *current version:* none *WG (prime / other):* SP / *rporteur:* N, A Indicate persons who left Company and wait for new  
*freeze\_meeting:* One  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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## R98

R98 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1759

31 May 2005 21:15:33

WITHDRAWN specs R98 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.00 Working Procedures for SMG and PT SMG

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-27	1998-10-16	0	.	1	.	0		<a href="#">get it</a>
smg-28	1999-02-12	7	.	0	.	0		<a href="#">get it</a>
smg-29	1999-06-25	7	.	1	.	0		<a href="#">get it</a>
smg-30	1999-11-11	7	.	2	.	0	SP-15: withdrawn since SMG and PT-SMG no longer exist.	<a href="#">get it</a>

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R98 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* Moved from T3 Jan-00.

*remarks - this release:* Place holder - no spec.

*history (event, available, version, comments, hyperlink):*

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R98 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1760

31 May 2005 21:15:33

WITHDRAWN specs R98 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**  
R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-29 *G:* yes *U:* *MCC:* HAN, Seung Don  
*remarks - general:* TSG#9:withdrawn cos contains misleading information/references. *remarks - this release:* need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

*history (event, available, version, comments, hyperlink):*

TP-09 withdrawn 2000-10-04 7 . 0 . 0

[get it](#)

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R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.33 Lawful interception; Stage 3**  
R98 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*freeze\_meeting:* smg-29 *G:* yes *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1761

31 May 2005 21:15:33

WITHDRAWN specs R98 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 *current version:* none *WG (prime / other):* - / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* N, A  
*remarks - general:* replaced by 08.62 *remarks - this release:* #25: 1.0.0 for info #27: 1.6.0 for info

### *history (event, available, version, comments, hyperlink):*

draft	1997-03-14	0	.	0	.	0		<a href="#">get it</a>
draft	1998-02-16	1	.	0	.	0		<a href="#">get it</a>
draft	1998-03-27	1	.	1	.	0		<a href="#">get it</a>
draft	1998-07-13	1	.	2	.	1		<a href="#">get it</a>
draft	1998-07-31	1	.	3	.	0		<a href="#">get it</a>
draft	1998-09-17	1	.	3	.	5		<a href="#">get it</a>
draft	1998-09-18	1	.	4	.	0		<a href="#">get it</a>
draft	1998-09-28	1	.	5	.	0		<a href="#">get it</a>
draft	1998-10-05	1	.	6	.	0		<a href="#">get it</a>

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R98 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* TSG#9:withdrawn cos contains misleading information/references *remarks - this release:* TSG#9:withdrawn cos contains misleading information/references

### *history (event, available, version, comments, hyperlink):*

smg-26	1998-06-26	7	.	0	.	0	withdrawn SP-09	<a href="#">get it</a>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1762

31 May 2005 21:15:33

WITHDRAWN specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TS 10.71 Project scheduling and open issues: Location services (LCS)

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.

### *history (event, available, version, comments, hyperlink):*

Maui	1999-01-17	0	.	0	.	0		<a href="#">get it</a>
Maui	1999-01-20	0	.	0	.	1		<a href="#">get it</a>
Chicago	1999-01-31	0	.	0	.	2		<a href="#">get it</a>
Chicago	1999-02-04	1	.	0	.	0		<a href="#">get it</a>
Cambridge	1999-06-10	2	.	0	.	0		<a href="#">get it</a>
Dallas	1999-07-09	2	.	0	.	1		<a href="#">get it</a>
San Diego	1999-07-21	2	.	0	.	2		<a href="#">get it</a>
Dallas	1999-09-03	2	.	0	.	3		<a href="#">get it</a>
King of Prussia	1999-09-14	2	.	0	.	4		<a href="#">get it</a>
Phoenix & Clearwater	1999-10-30	2	.	0	.	5		<a href="#">get it</a>
Raleigh	1999-11-03	2	.	0	.	6		<a href="#">get it</a>
smg-30	1999-11-11	2	.	0	.	6		<a href="#">get it</a>
Phoenix	1999-11-29	2	.	0	.	7		<a href="#">get it</a>
smg-30b	1999-12-06	2	.	0	.	7		<a href="#">get it</a>
Colorado Spring	2000-01-03	2	.	0	.	8		<a href="#">get it</a>
Dallas	2000-01-05	2	.	0	.	9		<a href="#">get it</a>
smg-31	2001-01-24	2	.	1	.	0		<a href="#">get it</a>
Puerto Vallarta	2000-01-26	3	.	0	.	0		<a href="#">get it</a>
smg-29	1999-06-25	7	.	0	.	0		<a href="#">get it</a>

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1763

31 May 2005 21:15:33

WITHDRAWN specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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## TS 10.78 Project scheduling and open issues: CAMEL

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* S2 / - *rapporteur:* APRATH, Stefan  
*G: yes U:* MCC: POPE, Maurice

Vodafone D2 GmbH

*remarks - general:*

*remarks - this release:* July 2002: abandoned

*history (event, available, version, comments, hyperlink):*

draft	1997-02-08	0	.	0	.	0		<a href="#">get it</a>
draft	1997-03-24	0	.	1	.	0		<a href="#">get it</a>
draft	1997-03-27	0	.	1	.	1		<a href="#">get it</a>
draft	1997-04-09	0	.	1	.	2		<a href="#">get it</a>
draft	1997-05-07	0	.	2	.	0		<a href="#">get it</a>
smg-22	1997-06-10	1	.	0	.	0		<a href="#">get it</a>
draft	1997-06-19	1	.	1	.	0		<a href="#">get it</a>
draft	1997-07-09	1	.	2	.	0		<a href="#">get it</a>
draft	1997-09-10	1	.	3	.	0		<a href="#">get it</a>
smg-23	1997-10-10	1	.	3	.	2		<a href="#">get it</a>
draft	1997-10-22	1	.	4	.	0		<a href="#">get it</a>
draft	1997-12-02	1	.	5	.	0		<a href="#">get it</a>
draft	1998-06-04	1	.	6	.	0		<a href="#">get it</a>
smg-25	1998-03-10	1	.	6	.	0	abandoned	<a href="#">get it</a>

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## TR 10.87 User to User Signalling (UUS)

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* S2 / GP *rapporteur:* CONRAD, Alan  
*G: yes U:* MCC: POPE, Maurice

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:* No draft ever produced.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1764

31 May 2005 21:15:33

WITHDRAWN specs R98 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.94 Follow Me supplementary service**

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* SP / - *rapporteur:* POSTMANN, Erwin SIEMENS AG  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* No draft ever produced.

*history (event, available, version, comments, hyperlink):*

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R98 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R98 *current version:* none  
*freeze\_meeting:* smg-29

*WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP

*G: yes U:* *MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1765

31 May 2005 21:15:33

WITHDRAWN specs R98 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R98 *current version:* none *WG (prime / other):* G3new/ S1 / NP / T2 / SCP  
*freeze\_meeting:* smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

*G:* yes *U:* *MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

*history (event, available, version, comments, hyperlink):*

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## R97

R97 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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## TR 01.00 Working Procedures for SMG and PT SMG

R97 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* smg-26 *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* No spec this Release.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1766

31 May 2005 21:15:33

WITHDRAWN specs R97 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**

R97 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-26  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* No spec this version.

*history (event, available, version, comments, hyperlink):*

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R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1**

R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-26  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* No spec this Release

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1767

31 May 2005 21:15:33

WITHDRAWN specs R97 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.33 Lawful Interception (LI); Stage 1**

R97  
*current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie  
*G: yes U:* *MCC:* CLAYTON, Michael

MOTOROLA GmbH

*remarks - general:*

*remarks - this release:* (No spec this Release)

*history (event, available, version, comments, hyperlink):*

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**TS 02.38 SIM application toolkit (SAT); Stage 1**

R97  
*current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul  
*G: yes U:* *MCC:* CLAYTON, Michael

Research in Motion UK Limited

*remarks - general:* Moved from T3 Jan-00.

*remarks - this release:* Place holder - no spec.

*history (event, available, version, comments, hyperlink):*

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R97

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1768

31 May 2005 21:15:33

WITHDRAWN specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers**

R97 *current version:* none *WG (prime / other):* C4 / SPAN *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-26 / T2

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0 (To be withdrawn)

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**

R97 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* HAN, Seung Don

*remarks - general:* TSG#9:withdrawn cos contains misleading information/references. *remarks - this release:* #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2**

R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* N, A

*remarks - general:* Withdrawn since details included in the stage 3 spec. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1998-03-20 0 . 7 . 1

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1769

31 May 2005 21:15:33

WITHDRAWN specs R97 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2**  
R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* BAUMANN, Jürgen T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R97 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.61 General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3**  
R97 *current version:* none *WG (prime / other):* - / *rapporteur:* LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 04.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3**  
R97 *current version:* none *WG (prime / other):* - / *rapporteur:* LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
Table of Contents 1996-11-14 0 . 2 . 0 [get it](#)  
and Scope

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1770

31 May 2005 21:15:33

WITHDRAWN specs R97 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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R97 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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TR 05.21 DCS 1800; 4 Watt Mobile Power Class - study

R97 current version: none  
freeze\_meeting: smg-26

WG (prime / other): - / rapporteur: TWINGLER, Jonas Northstream AB  
G: yes U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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R97 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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TS 08.64 GPRS support node - BSS protocol (SGSN\_BSS) interface; BSSGP layer 3

R97 current version: none  
freeze\_meeting: smg-26

WG (prime / other): - / rapporteur: LESKE, John SCANDEW PTY Ltd  
G: yes U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

First complete draft 1996-07-15 1 . 0 . 0

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R97 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1771

31 May 2005 21:15:33

WITHDRAWN specs R97 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)**

R97 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #27: 6.0.0 #32:withdrawn

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

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R97

10 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.01 GSM features and releases**

R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* N, A  
*remarks - general:* 2001-11-20: stopped - obviously no interest! *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1997-10-23 0 . 0 . 2

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1772

31 May 2005 21:15:33

WITHDRAWN specs R97 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* - / - *rapporteur:* HEATON, Graham Aether Systems Inc.  
*G: yes U:* MCC: N, A

*remarks - general:* Scrapped.

*remarks - this release:* #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

*history (event, available, version, comments, hyperlink):*

smg-25 1998-03-20 1 . 0 . 0

[get it](#)

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**TR 10.20 Lawful Interception requirements for GSM**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* MCC: CLAYTON, Michael

*remarks - general:* Replaced by 01.33.

*remarks - this release:* SMG#27:6.0.0; replaced by 01.33

*history (event, available, version, comments, hyperlink):*

smg-27 1998-10-16 6 . 0 . 0

[get it](#)

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**TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* S2 / - *rapporteur:* PETERSEN, Johan Apica Technologies  
*G: yes U:* MCC: POPE, Maurice

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-25 6 . 0 . 0

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R97

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1773

31 May 2005 21:15:34

WITHDRAWN specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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## TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

R97 *current version:* none *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-26 NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

*history (event, available, version, comments, hyperlink):*

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## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R97 *current version:* none *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-26 NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

*history (event, available, version, comments, hyperlink):*

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## TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R97 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-26 G: yes U: MCC: USAI, Paolino

*remarks - general:* *remarks - this release:* #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.

*history (event, available, version, comments, hyperlink):*

GP-09 2002-05-06 6 . 0 . 0 not produced post smg-27; withdrawn [get it](#)  
GP-12 6 . 1 . 0 CRs unimplementable; spec is scrapped.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1774

31 May 2005 21:15:34

WITHDRAWN specs R97 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.56 CTS phase 1, CTS Fixed Part Tests**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* - / - *rapporteur:* MATTISSON, Leif Telefon AB LM Ericsson  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R97

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.03 Security Management**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* S5 / S1 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd

*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:*

*remarks - this release:* No spec.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.





# 3GPP specification status

Page 1776

31 May 2005 21:15:34

WITHDRAWN specs R96 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**  
R96 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael One  
*remarks - general:* *remarks - this release:* #25: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 5 . 0 . 0 withdrawn, smg-25 [get it](#)

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**TR 01.50 Radio Local Loop (RLL) using GSM**  
R96 *current version:* none *WG (prime / other):* SMG1 / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft 1995-11-07 1 . 0 . 0 [get it](#)

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**TR 01.51 Dual mode of operation and roaming**  
R96 *current version:* none *WG (prime / other):* SMG1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1777

31 May 2005 21:15:34

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Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**  
R96 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* *remarks - this release:* #25: withdrawn

*history (event, available, version, comments, hyperlink):*  
smg-23 5 . 0 . 0 SMG-25 withdrawn

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**TS 01.78 Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0**  
R96 *current version:* none *WG (prime / other):* - / - *rapporteur:* LEROUDIER, Frederic Aperto Networks Inc.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R96 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.18 Interworking with non-GSM applications on the SIM to be accessed via the GSM network**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* SCHMIDT, Günter DETEMOBIL GMBH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1778

31 May 2005 21:15:34

WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.25 GSM - DCS roaming: Requirements and Stage 1 descriptions**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* LE ROUX, Alain France Telecom  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 02.26 Operation of multi-band GSM/DCS 1800 network by a single operator**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* LJUNGGREN, Tommy Northstream AB  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 02.27 DECT access to GSM networks**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1779

31 May 2005 21:15:34

WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.28 UPT phase 1**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* KOSYDAR, L Indicate persons who left Company and wait for new  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A One  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 02.29 Inter operation with UPT phase 2**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* TOEPFER, Armin Vodafone D2 GmbH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1**  
R96 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael One  
*remarks - general:* *remarks - this release:* #26: withdrawn

*history (event, available, version, comments, hyperlink):*

draft 1997-05-13 1 . 0 . 0  
draft 1997-10-01 2 . 0 . 0  
smg-23 1997-10-17 5 . 0 . 0 withdrawn

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[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1780

31 May 2005 21:15:34

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Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.33 Lawful Interception (LI); Stage 1**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-19 1 . 0 . 0  
smg-20 2 . 0 . 0  
smg-20 1996-10-11 5 . 0 . 0 withdrawn SMG-25

[get it](#)

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**TS 02.35 Universal access to freephone numbers; Stage 1**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* COX, Alan VODAFONE Group Plc  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 02.36 Premium rate services; Stage 1**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* TOEPFER, Armin Vodafone D2 GmbH  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1781

31 May 2005 21:15:34

WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.37 ISDN based DECT/GSM Interworking**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 02.38 SIM application toolkit (SAT); Stage 1**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:* Moved from T3 Jan-00.

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-29 1 . 0 . 0

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**TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:* SMG11->S4 at SMG#30

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-23 5 . 0 . 0  
smg-24 5 . 1 . 0 withdrawn SMG-25

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1782

31 May 2005 21:15:34

WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.60 General Packet Radio Service Stage 1 Description**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research in Motion UK Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-21 1997-02-14 5 . 0 . 0  
smg-23 1997-10-17 5 . 1 . 0  
smg-24 1997-12-19 5 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)

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**TS 02.66 Support of Mobile Number Portability (MNP); Service description; Stage 1**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile International AG  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #24: 5.0.0 @25: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-24 1997-12-19 5 . 0 . 0

[get it](#)

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**TS 02.72 Call Deflection Service description; Stage 1**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, Roland T-Mobile International AG

*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:* #19: 5.0.0 #25: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-19 1996-06-28 5 . 0 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1783

31 May 2005 21:15:34

WITHDRAWN specs R96 02 .- series  
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## TS 02.73 Malicious Call Identification (MCID); Stage 1

R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): - / rapporteur: SHARP, Iain  
G: yes U: MCC: N, A

NORTEL NETWORKS (EUROPE)

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 02.77 Emergency call TS12 with additional data transfer

R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): - / rapporteur: CONRAD, Alan  
G: yes U: MCC: N, A

T-MOBILE DEUTSCHLAND

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 02.87 User-to-User Signalling (UUS) Service Description; Stage 1

R96 current version: none  
freeze\_meeting: smg-22

WG (prime / other): S1 / - rapporteur: ACHTER, Johannes  
G: yes U: MCC: CLAYTON, Michael

T-Mobile International AG

remarks - general:

remarks - this release: #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-18	1996-04-12	5	.	0	.	0
smg-20	1996-10-11	5	.	1	.	0
smg-21	1997-02-14	5	.	2	.	0
edito	1996-01-19	5	.	2	.	1
smg-23	1997-10-17	5	.	3	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1784

31 May 2005 21:15:34

WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.92 Call Forward Enhancements (CFE) - Stage 1 description

R96  
current version: none  
freeze\_meeting: smg-22

WG (prime / other): - / rapporteur: RENAUD, Nicolas

Indicate persons who left Company and wait for new One

G: yes U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-16	5 . 0 . 0
smg-19	5 . 1 . 0
smg-20	5 . 2 . 0
smg-22	5 . 3 . 0
smg-23	5 . 4 . 0
smg-24	5 . 5 . 0

---

## TS 02.96 Name Identification Supplementary Services; Stage 1

R96  
current version: none  
freeze\_meeting: smg-22

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd

G: yes U: MCC: CLAYTON, Michael

remarks - general:

remarks - this release: #24: 5.0.0 #25: withdrawn

history (event, available, version, comments, hyperlink):

smg-24	5 . 0 . 0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1785

31 May 2005 21:15:34

WITHDRAWN specs R96 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.97 Multiple Subscriber Profile (MSP) Phase 1; Service description; Stage 1**

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael  
*remarks - general:* 2005-03-27: "Phase 1" added to title; phase 2 started with R99 (22.097). *remarks - this release:* #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-19	1996-06-28	5	.	0	.	0	<a href="#">get it</a>
smg-22	1997-06-13	5	.	1	.	0	<a href="#">get it</a>
ETSI publication	1997-09-15	5	.	1	.	1	<a href="#">get it</a>
smg-23	1997-10-17	5	.	2	.	0	<a href="#">get it</a>

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**TS 02.98 New barring services; Stage 1**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* SCHMIDT, Günter DETEMOBIL GMBH  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CHAPMAN, Neil ORANGE PCS LTD  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1786

31 May 2005 21:15:34

WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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R96 **03** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers**

R96 *current version:* none *WG (prime / other):* C4 / SPAN *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 / T2

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #20: 5.0.0 (To be withdrawn)

*history (event, available, version, comments, hyperlink):*

smg-20 1996-10-11 5 . 0 . 0

[get it](#)

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**TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* APRATH, Stefan Vodafone D2 GmbH  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* N, A

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

Table of Contents 1996-09-01 0 . 4 . 0  
and Scope

[get it](#)

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**TS 03.36 Premium rate services - stage 2**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* TOEPFER, Armin Vodafone D2 GmbH  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* N, A

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1787

31 May 2005 21:15:34

WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**  
R96 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* HAN, Seung Don  
*remarks - general:* TSG#9:withdrawn cos contains misleading information/references. *remarks - this release:* #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references

*history (event, available, version, comments, hyperlink):*

TP-09 (Withdrawn) 2000-09-28 5 . 0 . 0 [get it](#)  
smg-20 1996-10-11 5 . 0 . 0 [get it](#)

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**TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2**  
R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

5 . 0 . 0  
smg-23 5 . 1 . 0  
smg-24 5 . 2 . 0  
smg-25 5 . 3 . 0 withdrawn, SMG-25

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**TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2**  
R96 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-23 5 . 1 . 0  
smg-24 5 . 2 . 0 withdrawn SMG-25

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1788

31 May 2005 21:15:34

WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.94 Follow Me Service description; Stage 2**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / - *rapporteur:* WIEHE, Ulrich  
*G: yes U:* MCC: N, A

Gesellschaft für Kommunikations Software

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 03.95 Support of Private Numbering Plan (SPNP); Stage 2**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* SHARP, Iain  
*G: yes U:* MCC: N, A

NORTEL NETWORKS (EUROPE)

*remarks - general:*

*remarks - this release:* Scrapped Jan 98.

*history (event, available, version, comments, hyperlink):*

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**TS 03.98 New barring services; Stage 2 description**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* MCC: N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1789

31 May 2005 21:15:34

WITHDRAWN specs R96 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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## TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R96 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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## TS 04.36 Premium rate services - stage 3

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* TOEPFER, Armin Vodafone D2 GmbH  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*G: yes U:* *MCC:* JURISIC, Andrijana

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #25: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 5 . 0 . 0  
smg-24 1997-12-19 5 . 1 . 0

[get it](#)  
[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1790

31 May 2005 21:15:34

WITHDRAWN specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**

R96 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* JURISIC, Andrijana

*remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.CP-27: change of WG *remarks - this release:* #25:withdrawn  
as a result of closure of CN and T.

*history (event, available, version, comments, hyperlink):*

smg-23 1997-10-17 5 . 0 . 0  
smg-24 1997-12-19 5 . 1 . 0

[get it](#)

[get it](#)

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**TS 04.70 Payphone services - stage 3**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* N, A

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 04.73 Malicious Call Identification (MCID); Stage 3**

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* N, A

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1791

31 May 2005 21:15:34

WITHDRAWN specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.78 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 04.79 Support of optimal routing; Stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 04.98 New barring services; Stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1792

31 May 2005 21:15:34

WITHDRAWN specs R96 04 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

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**TS 04.99 Direct subscriber access and restriction; Stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R96

05 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.00 Service to GSM handportables in trains**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* VOSKAR, Paul NOKIA UK Ltd  
*G: yes U:* *MCC:* N, A

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1793

31 May 2005 21:15:34

WITHDRAWN specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.18 Hands free mobile station**  
R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* ANDERSEN, Niels Peter QUALCOMM EUROPE S.A.R.L.  
Skov  
G: yes U: *MCC:* N, A

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 05.19 Service to GSM handportables in trains**  
R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* WILTSHIRE, Timothy Indicate persons who left Company and wait for new  
Robin One  
G: yes U: *MCC:* N, A

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TR 05.20 Fast moving Mobile Station (study)**  
R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* REINER, Michaël Eads Telecom Deutschland GmbH  
G: yes U: *MCC:* N, A

*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1794

31 May 2005 21:15:35

WITHDRAWN specs R96 05 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

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**TS 05.30 General packet radio service requirements**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* CONRAD, Alan  
*G: yes U:* MCC: N, A

T-MOBILE DEUTSCHLAND

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R96 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* - / *rapporteur:* CANDISH, John  
*G: yes U:* MCC: N, A

Xtempus Ltd

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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R96 **08** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1796

31 May 2005 21:15:35

WITHDRAWN specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.12 Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol**  
R96 *current version:* none *WG (prime / other):* TISPAN/ C4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:*  
*remarks - general:* EN 300 646 *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

draft (ETSI TC SPS) 5 . 2 . 1

draft (ETSI TC SPS) 5 . 3 . 0

SPS1 approval 5 . 3 . 1

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**TS 09.14 Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol**  
R96 *current version:* none *WG (prime / other):* TISPAN/ C4 *rapporteur:* SPORTON, Simon VODAFONE Group Plc  
*freeze\_meeting:* *G: yes U:* *MCC:*  
*remarks - general:* EN 302 646 *remarks - this release:* .

*history (event, available, version, comments, hyperlink):*

SPS1 approved 2005-04-28 5 . 0 . 0 SPS1 approved 1999-06-01 [get it](#)

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**TS 09.20 Support of Shared Data Interworking Function**  
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* LEROUDIER, Frederic Aperto Networks Inc.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1797

31 May 2005 21:15:35

WITHDRAWN specs R96 09 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface**

R96 *current version:* none *WG (prime / other):* C4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*remarks - general:* CP-27: change of WG as a result of closure of CN and T. *remarks - this release:* #24: 5.0.0 #25: withdrawn

*history (event, available, version, comments, hyperlink):*

smg-24 1997-12-19 5 . 0 . 0 [get it](#)

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R96 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues**

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* PETERSEN, Johan Apica Technologies  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* POPE, Maurice  
*remarks - general:* *remarks - this release:* #25: (5.x.y withdrawn)

*history (event, available, version, comments, hyperlink):*

smg-21 1997-02-14 5 . 0 . 0 [get it](#)  
smg-22 1997-06-13 5 . 1 . 0 [get it](#)  
smg-24 1997-10-08 5 . 2 . 0 [get it](#)  
draft 1997-10-28 5 . 2 . 1 [get it](#)  
draft 1998-12-10 5 . 3 . 0 [get it](#)  
smg-24 1997-12-20 5 . 3 . 1 [get it](#)  
draft 1998-02-05 5 . 3 . 2 [get it](#)  
draft 1998-02-12 5 . 3 . 3 [get it](#)  
draft 1998-02-15 5 . 3 . 4 [get it](#)  
draft 1998-03-15 5 . 3 . 5 [get it](#)  
draft 1998-03-05 5 . 4 . 0 [get it](#)  
smg-25 1998-03-15 5 . 4 . 1 [get it](#)  
draft 1998-04-06 5 . 4 . 2 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1798

31 May 2005 21:15:35

WITHDRAWN specs R96 10 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

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**TR 10.66 Support of Mobile Number Portability (MNP); Project plan**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S1 / - *rapporteur:* TARAZI, Roger EDP Telecom  
*G: yes U:* *MCC:* CLAYTON, Michael

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-21 5 . 0 . 0

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**TR 10.68 Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S2 / - *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:*

*remarks - this release:* May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

*history (event, available, version, comments, hyperlink):*

smg-21 5 . 0 . 0 abandoned

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R96

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.



# 3GPP specification status

Page 1799

31 May 2005 21:15:35

WITHDRAWN specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R96 *current version:* none *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22 NP /  
T2 /  
SCP

G: yes U: *MCC:* BAEV, Stoyan

*remarks - general:* 2001-11-19: G4->G5.

*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

*history (event, available, version, comments, hyperlink):*

---

**TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface**

R96 *current version:* none *WG (prime / other):* C6 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* LENHART, Gabriele

*remarks - general:* CP-27: change of WG as a result of closure of CN and T.

*remarks - this release:* #16: 5.0.0 withdrawn

*history (event, available, version, comments, hyperlink):*

smg-16? 1996-01-25 5 . 0 . 0 SMG-16: withdrawn

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1800

31 May 2005 21:15:35

WITHDRAWN specs R96 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.21 Base Station System (BSS) equipment specification; Radio aspects**

R96 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-22 G: yes U: MCC: USAI, Paolino  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

smg-22	1997-06-13	5	.	0	.	0	<a href="#">get it</a>
smg-23	1997-10-17	5	.	1	.	0	<a href="#">get it</a>
smg-25	1998-03-20	5	.	2	.	0	<a href="#">get it</a>
smg-26	1998-06-26	5	.	3	.	0	<a href="#">get it</a>
smg-27	1998-10-16	5	.	4	.	0	<a href="#">get it</a>
Editorial correction	1998-10-16	5	.	4	.	1	<a href="#">get it</a>
GP-09	2002-05-15	5	.	5	.	0	<a href="#">get it</a> withdrawn

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R96

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.03 Security Management**

R96 *current version:* none *WG (prime / other):* S5 / S1 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-22 G: yes U: MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:* No spec.

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1801

31 May 2005 21:15:35

WITHDRAWN specs R96 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.04 Performance data measurements**

R96  
*current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* S5 / S1 / NP

*rapporteur:*

TOCHE, Christian NORTEL NETWORKS (EUROPE)

*G:* yes *U:*

*MCC:* ZOICAS, Adrian

*remarks - this release:* No spec

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

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## Ph2

Ph2

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TR 01.05 Definitions**

Ph2  
*current version:* none  
*freeze\_meeting:*

*WG (prime / other):* SP / -

*rapporteur:* VACANT,

*G:* yes *U:* *MCC:* POPE, Maurice

*remarks - this release:* n.a.

*remarks - general:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1802

31 May 2005 21:15:35

WITHDRAWN specs Ph2 01 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

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**TS 01.06 Service implementation phases and possible further phases in the GSM PLMN**

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* G: yes U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 01.07 Updating procedure for GSM Recommendations**

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* G: yes U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Ph2 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.08 Quality of Service (QoS) / GSM system performance**

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*freeze\_meeting:* G: yes U: MCC: N, A  
*remarks - general:* *remarks - this release:* #16: withdrawn

*history (event, available, version, comments, hyperlink):*

draft 1995-08-21 0 . 1 . 0 [get it](#)  
draft 1994-06-01 4 . 0 . 0 [get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1803

31 May 2005 21:15:35

WITHDRAWN specs Ph2 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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Ph2 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TR 03.39** **Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**  
Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* G: yes U: *MCC:* HAN, Seung Don  
*remarks - general:* TSG#9:withdrawn cos contains misleading information/references. *remarks - this release:* #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

*history (event, available, version, comments, hyperlink):*  
smg-16 1995-10-20 4 . 0 . 0

[get it](#)

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Ph2 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

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**TS 07.06** **Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration**  
Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* G: yes U: *MCC:* HAN, Seung Don  
*remarks - general:* *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn

*history (event, available, version, comments, hyperlink):*  
ETSI publication 1994-09-13 4 . 1 . 2  
ETSI OAP 1995-03-06 4 . 2 . 0  
ETSI publication 1995-08-01 4 . 2 . 1

[get it](#)

[get it](#)

[get it](#)

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Ph2 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1804

31 May 2005 21:15:35

WITHDRAWN specs Ph2 08 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

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## TS 08.59 BSC-BTS O&M Signalling Transport

Ph2  
current version: none  
freeze\_meeting:

WG (prime / other): G1 / - rapporteur: VACANT,  
G: yes U: MCC: USAI, Paolino

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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Ph2 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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## TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks

Ph2  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: TWINGLER, Jonas Northstream AB  
G: yes U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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Ph2 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

# 3GPP specification status

Page 1805

31 May 2005 21:15:35

WITHDRAWN specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2  
current version: none  
freeze\_meeting: smg-11b

WG (prime / other): G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP

G: yes U: MCC: BAEV, Stoyan

remarks - general: 2001-11-19: G4->G5.

remarks - this release: GP-06: Rel-4 serves all releases.

### history (event, available, version, comments, hyperlink):

smg-16	1995-10-20	4	.	13	.	0	<a href="#">get it</a>
smg-17	1996-02-02	4	.	14	.	0	<a href="#">get it</a>
smg-18	1996-04-12	4	.	15	.	0	<a href="#">get it</a>
smg-19	1996-06-28	4	.	16	.	0	<a href="#">get it</a>
ETSI publication	1997-01-27	4	.	16	.	1	<a href="#">get it</a>
smg-20	1996-10-11	4	.	17	.	0	<a href="#">get it</a>
ETSI publication	1997-06-04	4	.	17	.	1	<a href="#">get it</a>
smg-21	1997-02-14	4	.	18	.	0	<a href="#">get it</a>
ETSI publication	1997-09-11	4	.	18	.	1	<a href="#">get it</a>
smg-22	1997-06-13	4	.	19	.	0	<a href="#">get it</a>
ETSI publication	1998-02-02	4	.	19	.	1	<a href="#">get it</a>
smg-23	1997-10-17	4	.	20	.	0	<a href="#">get it</a>
ETSI publication	1998-05-11	4	.	20	.	1	<a href="#">get it</a>
smg-24	1997-12-19	4	.	21	.	0	<a href="#">get it</a>
ETSI publication	1998-08-24	4	.	21	.	1	<a href="#">get it</a>
smg-25	1998-03-20	4	.	22	.	0	<a href="#">get it</a>
ETSI publication	1998-10-23	4	.	22	.	1	<a href="#">get it</a>
smg-26	1998-06-26	4	.	23	.	0	<a href="#">get it</a>
ETSI publication	1998-12-16	4	.	23	.	1	<a href="#">get it</a>
smg-27	1998-10-16	4	.	24	.	0	<a href="#">get it</a>
ETSI publication	1999-04-08	4	.	24	.	1	<a href="#">get it</a>
smg-28	1999-02-12	4	.	25	.	0	<a href="#">get it</a>
ETSI publication	1999-08-25	4	.	25	.	1	<a href="#">get it</a>
smg-29	1999-06-25	4	.	26	.	0	<a href="#">get it</a>
ETSI publication	1999-12-23	4	.	26	.	1	<a href="#">get it</a>
smg-30	1999-11-11	4	.	27	.	0	<a href="#">get it</a>
ETSI publication	2000-06-23	4	.	27	.	1	<a href="#">get it</a>
smg-31	2000-02-16	4	.	28	.	0	<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1806

31 May 2005 21:15:35

WITHDRAWN specs Ph2 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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ETSI publication	2000-10-05	4 . 28 . 1	<a href="#">get it</a>
smg-32	2000-06-20	4 . 29 . 0	<a href="#">get it</a>
GP-02	2000-12-01	4 . 30 . 0	<a href="#">get it</a>
GP-03	2001-01-25	4 . 31 . 0	<a href="#">get it</a>
GP-04	2001-04-11	4 . 32 . 0	<a href="#">get it</a>
GP-05	2001-06-28	4 . 33 . 0	<a href="#">get it</a>
GP-06	2001-09-06	4 . 34 . 0	<a href="#">get it</a>

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## TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* *G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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## TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino  
*remarks - general:* *remarks - this release:* (no such spec)

*history (event, available, version, comments, hyperlink):*

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Ph2 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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G = required in systems with GERAN access; U = required in systems with UMTS access.



# 3GPP specification status

Page 1807

31 May 2005 21:15:35

WITHDRAWN specs Ph2 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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## TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2  
*current version:* none  
*freeze\_meeting:*  
*WG (prime / other):* - / - *rapporteur:* N, A  
*G: yes U:* *MCC:* N, A  
*remarks - general:* Title may have been "Network Management (NM); Part 3: Operations and performance management".  
*remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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## Ph1

Ph1 00 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

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## TR 00.02 Voice group call service study (UIC project)

Ph1  
*current version:* none  
*freeze\_meeting:*  
*WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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Ph1 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1808

31 May 2005 21:15:35

WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.05 Simultaneous and Alternate Use of Services**  
Ph1 *current version: none* *freeze\_meeting:* WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One  
G: yes U: MCC: N, A  
*remarks - general:* MoU *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
smg-01 1992-05-06 3 . 0 . 2

[get it](#)

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**TS 02.08 Quality of Service (QoS) / GSM system performance**  
Ph1 *current version: none* *freeze\_meeting:* WG (prime / other): - / - rapporteur: TWINGLER, Jonas Northstream AB  
G: yes U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
1995-08-25 0 . 2 . 0  
1995-10-06 0 . 2 . 1  
1994-05-10 3 . 0 . 0  
1994-05-10 3 . 0 . 1

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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**TS 02.10 Provision of Telecommunication Services**  
Ph1 *current version: none* *freeze\_meeting:* WG (prime / other): - / - rapporteur: N, A Indicate persons who left Company and wait for new One  
G: yes U: MCC: N, A  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1809

31 May 2005 21:15:35

WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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**TS 02.12 Licensing**  
Ph1 *current version: none*  
*freeze\_meeting:*

*WG (prime / other): - / - rapporteur: N, A*  
*G: yes U: MCC: N, A*

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

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**TS 02.13 Subscription to the Services of a GSM PLMN**  
Ph1 *current version: none*  
*freeze\_meeting:*

*WG (prime / other): - / - rapporteur: N, A*  
*G: yes U: MCC: N, A*

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

---

**TS 02.14 Service Directory**  
Ph1 *current version: none*  
*freeze\_meeting:*

*WG (prime / other): - / - rapporteur: N, A*  
*G: yes U: MCC: N, A*

*remarks - general:* *remarks - this release:*

Indicate persons who left Company and wait for new One

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1810

31 May 2005 21:15:35

WITHDRAWN specs Ph1 02 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

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## TS 02.15 Circulation of mobile stations

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): - / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: yes U: MCC: N, A

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

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## TS 02.21 Transferred account procedure and billing information

Ph1  
current version: none  
freeze\_meeting:

WG (prime / other): S2 / rapporteur: N, A

Indicate persons who left Company and wait for new One

G: yes U: MCC: POPE, Maurice

remarks - general:

remarks - this release:

history (event, available, version, comments, hyperlink):

Jan 1990 1994-05-10 3 . 3 . 0  
? 1994-05-10 3 . 4 . 0

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[get it](#)

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Ph1

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1811

31 May 2005 21:15:35

WITHDRAWN specs Ph1 03 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

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**TS 03.42 SMS Compression**  
Ph1 *current version:* none *WG (prime / other):* C1 / - *rapporteur:* HARRIS, Ian Research In Motion Limited  
*freeze\_meeting:* *G: yes U:* MCC: JURISIC, Andrijana  
*remarks - general:* TP-27: Former WG = T2. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
gsm4 2003-05-06 3 . 0 . 0 Jan 1990: title was "Advanced data [get it](#)  
MHS".

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Ph1 **09** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

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**TS 09.09 Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN**  
Ph1 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation  
*freeze\_meeting:* gsm-25b *G: yes U:* MCC: KYMALAINEN, Kimmo  
*remarks - general:* 2003-05-07: no draft available, so withdraw. *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
First complete draft 1 . 0 . 0

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Ph1 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1812

31 May 2005 21:15:35

WITHDRAWN specs Ph1 11 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

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**TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)**

Ph1 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A  
*freeze\_meeting:* *G: yes U:* *MCC:* N, A

Indicate persons who left Company and wait for new One

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 11.20 GSM DCS 1800 Base Station Specification**

Ph1 *current version:* none *WG (prime / other):* GP / NP *rapporteur:* VACANT,  
*freeze\_meeting:* *G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*

*remarks - this release:*

*history (event, available, version, comments, hyperlink):*

gsm-32		3 . 6 . 0	
smg-01		3 . 7 . 0	
smg-02		3 . 8 . 0	
smg-03		3 . 9 . 0	
smg-04		3 . 10 . 0	
smg-05		3 . 11 . 0	
smg-06	2003-09-01	3 . 12 . 0	<a href="#">get it</a>
smg-07	1995-01-01	3 . 13 . 0	<a href="#">get it</a>
smg-08		3 . 14 . 0	
smg-09		3 . 15 . 0	
smg-10		3 . 16 . 0	
smg-11		3 . 17 . 0	
smg-12	1995-01-01	3 . 19 . 0	<a href="#">get it</a>
smg-13		3 . 20 . 0	
smg-20	1996-12-13	3 . 23 . 1	<a href="#">get it</a>

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

# 3GPP specification status

Page 1813

31 May 2005 21:15:36

WITHDRAWN specs Ph1 12 .- series  
Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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Ph1 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

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**TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)**

Ph1 *current version:* none *WG (prime / other):* - / - *rapporteur:*  
*freeze\_meeting:* G: yes U: MCC: N, A  
*remarks - general:* Title may have been "Network Management (NM); Part 3: Operations and performance management". *remarks - this release:*

*history (event, available, version, comments, hyperlink):*  
draft 0 . 0 . 0

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**TS 12.13 Maintenance of the Mobile-services Switching Centre**

Ph1 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* gsm-25b G: yes U: MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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**TS 12.14 Maintenance of Location Registers**

Ph1 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* gsm-25b G: yes U: MCC: ZOICAS, Adrian  
*remarks - general:* *remarks - this release:*

*history (event, available, version, comments, hyperlink):*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

**24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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**TS 24.04U** **UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**  
*current version:* none  
*freeze\_meeting:*  
*WG (prime / other):* - / *rapporteur:* N, A  
*G:* *U:* *MCC:* N, A  
*remarks - general:* *remarks - this release:*  
*history (event, available, version, comments, hyperlink):*  
Indicate persons who left Company and wait for new One

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**32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

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**TS 32.103** **(pending)**  
*current version:* none  
*freeze\_meeting:*  
*WG (prime / other):* S5 / *rapporteur:* N, A  
*G:* *U:* yes *MCC:* ZOICAS, Adrian  
*remarks - general:* 2003-11-05: S5 declares this spec number will not be used. *remarks - this release:*  
*history (event, available, version, comments, hyperlink):*  
Indicate persons who left Company and wait for new One

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Page 1815

31 May 2005 21:15:36

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