

Source: **MCC**
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Title: **Specs status list at the end of TSGs#20**

Document for: **information**

The following table shows the status list at the end of SA#20.

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Active or Withdrawn / Stopped (Active specs first)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 6
Release 5
Release 4
Release 99
Release 98
Release 97
Release 96
Phase 2
Phase 1
Withdrawn / Stopped

3GPP specification status

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Server ACTIVE specs <?> 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

ACTIVE specs

<?>

<?> 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.902	Evolution of 3GPP system								
<?>	current version: 0.2.2		DRAFT	WG (prime / other): SP / -	rapporteur: BISHOP, Craig		SAMSUNG Electronics Research Institute		
	freeze_meeting:			G: U: yes	MCC: POPE, Maurice				
<i>history (event, available, version,</i>									
SP-18, Evolution meeting #2	03/01/2003	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	<i>remarks - general:</i>				
revised to add missing text	08/01/2003	0 . 1 . 0		get it	<i>remarks - this release:</i> SP-20: expect revised drafts 2003-06-20 & 2003-09-05.				
SP-19, Evolution meeting #3	24/03/2003	0 . 1 . 1	EV-030002	get it					
draft	07/04/2003	0 . 2 . 0		get it					
draft	17/04/2003	0 . 2 . 1	incorporating comments post SP-19	get it					
SP-20, Evolution meeting #4	02/06/2003	0 . 2 . 2	EV-030042	get it					

<?> 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.251	Telecommunication management; Charging management; Packet Switched (PS) domain charging								
<?>	current version: none			WG (prime / other): S5 / -	rapporteur: RICHARDS,		NORTEL NETWORKS (EUROPE)		
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian				
<i>history (event, available, version,</i>									
<i>remarks - general:</i>									
<i>remarks - this release:</i> .									

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

Rel-7

Rel-7 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.802 Remote control of electrical tilting antennas)

Rel-7 current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH
G: U: yes MCC: KRAUSE, Joern

remarks - general: RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a
remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in xx.8xx

number instead. 2003-05-12: 25.802 reserved as well as 25.997. One or

other of these numbers will be used, the other returned to the pool. TP-20: This one is confirmed

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:
history (event, available, version,

WG (prime / other): R3 / - rapporteur: HAUSER, Andreas Vodafone D2 GmbH
G: U: yes MCC: KRAUSE, Joern

remarks - general: RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a
remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in xx.8xx

number instead.

Rel-6

Rel-6 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

3GPP specification status

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ACTIVE specs Rel-6 21 .- series
Server http://www.3gpp.org/ftp/Specs/archive/21_series

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

Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 G: U: yes *MCC:* POPE, Maurice

history (event, available, version,

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 1999
remarks - this release: . Specifications".

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: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 24/02/2003 0 . 7 . 0 inherited from Rel-5

[get it](#) *remarks - general:*
remarks - this release: SP-20: from Rel-5.

TR 21.905 Vocabulary for 3GPP Specifications

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-22 G: U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-17 16/09/2002 6 . 0 . 0
SP-18 18/12/2002 6 . 1 . 0
SP-19 25/03/2003 6 . 2 . 0
SP-20 6 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

Rel-6 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.011 Service accessibility

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / - *rapporteur:* GALLAIRE, Jean Paul France Telecom
freeze_meeting: G: yes U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-19 25/03/2003 6 . 0 . 0
SP-20 6 . 1 . 0

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

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

3GPP specification status

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Server ACTIVE specs Rel-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-6	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited			
	freeze_meeting: SP-22	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-20	6 . 0 . 0		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<hr/>									
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 Limited			
	freeze_meeting:	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-19 25/03/2003	6 . 0 . 0		get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
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-22	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-18 18/12/2002	6 . 0 . 0		get it	remarks - general: Transfer>TSG#4				
	SP-20	6 . 1 . 0			remarks - this release: .				
<hr/>									
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-22	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-18 18/12/2002	6 . 0 . 0		get it	remarks - general: Transfer>TSG#4				
	SP-20	6 . 1 . 0			remarks - this release: .				
<hr/>									
TS 22.071	Location Services (LCS); Stage 1								
Rel-6	current version: 6.4.0	WG (prime / other):	S1 / -	rapporteur:	WOHLERT, Randolph	SBC Communications Inc.			
	freeze_meeting: SP-22	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 04/07/2002	6 . 0 . 0		get it	remarks - general: Transfer>TSG#4				
	SP-17 17/09/2002	6 . 1 . 0		get it	remarks - this release: .				
	SP-18 18/12/2002	6 . 2 . 0		get it					
	SP-19 25/03/2003	6 . 3 . 0		get it					
	SP-20	6 . 4 . 0							

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

3GPP specification status

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Server ACTIVE specs Rel-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
Rel-6	current version: 6.1.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK	
	freeze_meeting:	G: yes U: yes	MCC: CLAYTON, Michael		
	history (event, available, version,				
	SP-18 10/01/2003 6 . 0 . 0	get it	remarks - general:		
	SP-19 25/03/2003 6 . 1 . 0	get it	remarks - this release: .		
<hr/>					
TS 22.101	Service aspects; Service principles				
Rel-6	current version: 6.4.0	WG (prime / other): S1 / -	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-22	G: U: yes	MCC: CLAYTON, Michael		
	history (event, available, version,				
	SP-16 04/07/2002 6 . 0 . 0	get it	remarks - general:		
	SP-17 17/09/2002 6 . 1 . 0	get it	remarks - this release: SP-020234 slide 11 justifies existence.		
	SP-18 18/12/2002 6 . 2 . 0	get it			
	SP-19 25/03/2003 6 . 3 . 0	get it			
	SP-20 6 . 4 . 0				
<hr/>					
TS 22.105	Services and service capabilities				
Rel-6	current version: 6.2.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom	
	freeze_meeting: SP-22	G: U: yes	MCC: CLAYTON, Michael		
	history (event, available, version,				
	SP-17 17/09/2002 6 . 0 . 0	get it	remarks - general:		
	SP-19 25/03/2003 6 . 1 . 0	get it	remarks - this release: .		
	SP-20 6 . 2 . 0				
<hr/>					
TS 22.115	Service Aspects Charging and billing				
Rel-6	current version: 6.1.0	WG (prime / other): S1 / -	rapporteur: MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.	
	freeze_meeting:	G: yes U: yes	MCC: CLAYTON, Michael		
	history (event, available, version,				
	SP-19 25/03/2003 6 . 0 . 0	get it	remarks - general:		
	SP-20 6 . 1 . 0		remarks - this release: .		

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Server ACTIVE specs Rel-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1						
Rel-6	current version: 6.3.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG	
	freeze_meeting: SP-22	G: U: yes		MCC:	CLAYTON, Michael		
history (event, available, version,							
	SP-16 04/07/2002	6 . 0 . 0	get it	remarks - general:			
	SP-17 17/09/2002	6 . 1 . 0	get it	remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".		
	SP-18 18/12/2002	6 . 2 . 0	get it				
	SP-20	6 . 3 . 0					
<hr/>							
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems						
Rel-6	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	SAMPSON, Nick	ORANGE PCS LTD	
	freeze_meeting:	G: yes U: yes		MCC:	CLAYTON, Michael		
history (event, available, version,							
	SP-19 25/03/2003	6 . 0 . 0	get it	remarks - general:			
				remarks - this release:	.		
<hr/>							
TS 22.140	Multimedia Messaging Service (MMS); Stage 1						
Rel-6	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG	
	freeze_meeting: SP-22	G: U: yes		MCC:	CLAYTON, Michael		
history (event, available, version,							
	SP-18 20/12/2002	6 . 0 . 0	get it	remarks - general:	(development in T2)		
	SP-19 25/03/2003	6 . 1 . 0	get it	remarks - this release:	.		
	SP-20	6 . 2 . 0					
<hr/>							
TS 22.141	Presence service; Stage 1						
Rel-6	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	WOHLERT, Randolph	SBC Communications Inc.	
	freeze_meeting: SP-22	G: U: yes		MCC:	CLAYTON, Michael		
history (event, available, version,							
	SP-16 19/07/2002	6 . 0 . 0	get it	remarks - general:			
	SP-17 17/09/2002	6 . 1 . 0	get it	remarks - this release:	SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".		
	SP-19 25/03/2003	6 . 2 . 0	get it				

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Server ACTIVE specs Rel-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre 3
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 04/07/2002 6 . 0 . 0 [get it](#) *remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.
SP-17 17/09/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-19 25/03/2003 6 . 2 . 0 [get it](#)

TS 22.174 Push service; Stage 1

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
draft 27/03/2002 0 . 6 . 0 S1-020540 [get it](#) *remarks - general:*
draft 0 . 8 . 1 *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.
SP-16 1 . 0 . 0 SP-020230 (inside liaison statement)
post SP-16 clean 04/07/2002 1 . 0 . 1 [get it](#)
up
SP-17 17/09/2002 2 . 0 . 0 SP-020571 [get it](#)
SP-17 16/09/2002 6 . 0 . 0 [get it](#)
SP-18 18/12/2002 6 . 1 . 0 [get it](#)
SP-19 25/03/2003 6 . 2 . 0 [get it](#)

TS 22.177 Speech-enabled services; Stage 1

Rel-6 *current version:* none *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
remarks - general: Spec number reserved; production depends on results of feasibility study
remarks - this release: .

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: SP-20 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 04/07/2002 6 . 0 . 0 [get it](#) *remarks - general:*
SP-17 17/09/2002 6 . 1 . 0 [get it](#) *remarks - this release:* SP-020234 slide 11 justifies existence.
SP-19 25/03/2003 6 . 2 . 0 [get it](#)
SP-20 6 . 3 . 0

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

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Server ACTIVE specs Rel-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.233	Transparent end-to-end packet-switched streamng service; Stage 1								
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-22	G:	U: yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-17 17/09/2002	6 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-18 18/12/2002	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-19 25/03/2003	6 . 2 . 0		get it					
<hr/>									
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	AMERY, Paul	ORANGE PCS LTD			
	<i>freeze_meeting:</i> SP-17	G:	U: yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	Cf work item 'Generic user profile'			
					<i>remarks - this release:</i>	SP-17: Expected for SP-18.			
<hr/>									
TS 22.242	Digital Rights Management (DRM); Stage 1								
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	WOOD, Nicholas	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-18	G:	U: yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002	1 . 0 . 0	SP-020061	get it	<i>remarks - general:</i>	SP-18: Stages 2 & 3 to be done by OMA.			
	SP-16 04/07/2002	2 . 0 . 0	SP-020261	get it	<i>remarks - this release:</i>				
	SP-16 04/07/2002	6 . 0 . 0		get it					
	SP-17 17/09/2002	6 . 1 . 0		get it					
	SP-19 25/03/2003	6 . 2 . 0		get it					
<hr/>									
TS 22.243	Speech recognition framework for automated voice services; Stage 1								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> SP-22	G: yes	U: yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	brought forwards 02/01/2002	1 . 0 . 0		get it	<i>remarks - general:</i>				
	from Rel-5				<i>remarks - this release:</i>	Delayed from Rel-5.			
	SP-15 27/03/2002	1 . 2 . 0	S1-020114	get it					
	SP-17 19/09/2002	2 . 0 . 0	SP-020572	get it					
	SP-17 16/09/2002	6 . 0 . 0		get it					
	SP-18 18/12/2002	6 . 1 . 0		get it					
	SP-19 25/03/2003	6 . 2 . 0		get it					
	SP-20	6 . 3 . 0							

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

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Server ACTIVE specs Rel-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.250	IP Multimedia Subsystem (IMS) Group Management; Stage 1								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	draft 24/04/2002	0 . 1 . 0		get it	<i>remarks - general:</i>				
	SP-17 16/09/2002	1 . 0 . 0	SP-020566	get it	<i>remarks - this release:</i> .				
	SP-18 18/12/2002	2 . 0 . 0	SP-020669	get it					
	SP-18 18/12/2002	6 . 0 . 0		get it					
<hr/>									
TS 22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-18 18/12/2002	2 . 0 . 0	SP-020671	get it	<i>remarks - general:</i> 2002-10-08: created from 22.940.				
	SP-18 18/12/2002	6 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-19 25/03/2003	6 . 1 . 0		get it					
<hr/>									
TR 22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> FRANK, Robert	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	S1-18	0 . 0 . 5	S1-022295		<i>remarks - general:</i>				
	SP-18 20/12/2002	0 . 1 . 0	(annex to liaison)	get it	<i>remarks - this release:</i> SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply cleaned up but technically incomplete.				
	SP-19 24/03/2003	1 . 0 . 0	SP-030037	get it					
<hr/>									
TR 22.857	Run-time independent framework feasibility study								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> WOODWARD, Ernest	INTEL CORPORATION SARL			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-17 30/08/2002	1 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-18 03/12/2002	2 . 0 . 0	TP-020274	get it	<i>remarks - this release:</i> .				
	TP-18 20/12/2002	6 . 0 . 0		get it					

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

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Server ACTIVE specs Rel-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.934	Feasibility study on 3GPP system to Wireles Local Area Network (WLAN) interworking								
Rel-6	<i>current version:</i> 6.1.0			WG (prime / other): S1 / -		<i>rapporteur:</i> PAINT, Frédéric	Telenor AS		
	<i>freeze_meeting:</i> SP-18			G: U: yes		<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002	1 . 0 . 0	SP-020059		get it	<i>remarks - general:</i>			
	SP-17 19/09/2002	2 . 0 . 0	SP-020569		get it	<i>remarks - this release:</i>	SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to other specs.		
	SP-17 16/09/2002	6 . 0 . 0			get it				
	SP-18 18/12/2002	6 . 1 . 0			get it				
TR 22.940	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	<i>current version:</i> 6.0.0			WG (prime / other): S1 /		<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> SP-22			G: U: yes		<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>								
	draft 26/03/2002	0 . 0 . 0			get it	<i>remarks - general:</i>	2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,		
	draft 19/07/2002	0 . 1 . 0			get it	<i>remarks - this release:</i>	2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,		
	unwithdrawn and approved!						unwithdrawn and approved!		
	SP-16 19/07/2002	0 . 2 . 0			get it				
	SP-17 16/09/2002	1 . 0 . 0	SP-020567		get it				
	SP-18 18/12/2002	2 . 0 . 0	SP-020670		get it				
	SP-18 18/12/2002	6 . 0 . 0			get it				
TR 22.949	Study on a generalized privacy capability								
Rel-6	<i>current version:</i> 0.1.0		DRAFT	WG (prime / other): S1 / -		<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.		
	<i>freeze_meeting:</i>			G: U: yes		<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>								
	draft	0 . 1 . 0	S1-030498			<i>remarks - general:</i>	WI: PrivCap.		
						<i>remarks - this release:</i>	.		
TR 22.950	Priority service feasibility study								
Rel-6	<i>current version:</i> 6.2.0			WG (prime / other): S1 / -		<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.		
	<i>freeze_meeting:</i> SP-22			G: yes U: yes		<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002	1 . 0 . 0	SP-020060		get it	<i>remarks - general:</i>	Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR.		
	draft	1 . 1 . 0				<i>remarks - this release:</i>	.		
	SP-16 04/07/2002	2 . 0 . 0	SP-020260		get it				
	SP-16 04/07/2002	6 . 0 . 0			get it				
	SP-18 18/12/2002	6 . 1 . 0			get it				
	SP-19 25/03/2003	6 . 2 . 0			get it				

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ACTIVE specs Rel-6 22 .- series
Server http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version,

draft

0 . 0 . 0 S1-020342

SP-17 16/09/2002 1 . 0 . 0 SP-020565

SP-18 18/12/2002 2 . 0 . 0 SP-020668

SP-18 18/12/2002 6 . 0 . 0

SP-19 25/03/2003 6 . 1 . 0

WG (prime / other): S1 /

G: yes *U:* yes

rapporteur: ZARRI, Michele

MCC: CLAYTON, Michael

T-Mobile (UK) Ltd

remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TR 22.952 Priority service implementation guide

Rel-6 *current version:* none

freeze_meeting:

history (event, available, version,

WG (prime / other): S1 / -

G: yes *U:* yes

rapporteur: GARRAHAN, James

MCC: CLAYTON, Michael

Telcordia Technologies, Inc.

remarks - general: Work item = PRIOR.

remarks - this release: .

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0

freeze_meeting: SP-22

history (event, available, version,

S1-14 0 . 0 . 0

S1-15 0 . 1 . 0

S1 SES 0 . 2 . 0

S1 SES 0 . 3 . 0

SP-16 04/07/2002 1 . 0 . 0 SP-020259

SP-17 19/09/2002 2 . 0 . 0 SP-020570

SP-17 16/09/2002 6 . 0 . 0

WG (prime / other): S1 /

G: yes *U:* yes

rapporteur: ZARRI, Michele

MCC: CLAYTON, Michael

T-Mobile (UK) Ltd

remarks - general:

remarks - this release: .

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[get it](#)

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Rel-6

23 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002	Network architecture							
Rel-6	current version: 6.1.0		WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting:		G: yes U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,							
	SP-19 27/03/2003	6 . 0 . 0				get it	remarks - general: Transfer>TSG#4,CR at TSG#5	
	correct cover 31/03/2003	6 . 0 . 1				get it	remarks - this release: .	
	sheet post SP-19							
	SP-20	6 . 1 . 0						
TS 23.011	Technical realization of Supplementary Services							
Rel-6	current version: 6.0.0		WG (prime / other): N4 / -	rapporteur: CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	freeze_meeting:		G: yes U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,							
	NP-19 04/04/2003	6 . 0 . 0				get it	remarks - general:	
							remarks - this release: .	
TS 23.016	Subscriber data management; Stage 2							
Rel-6	current version: 6.0.0		WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting:		G: yes U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,							
	NP-19 04/04/2003	6 . 0 . 0				get it	remarks - general:	
							remarks - this release: .	
TS 23.040	Technical realization of Short Message Service (SMS)							
Rel-6	current version: 6.1.0		WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Research In Motion Limited			
	freeze_meeting: SP-22		G: yes U: yes	MCC: RODERMUND, Friedhelm				
	history (event, available, version,							
	TP-17 18/09/2002	6 . 0 . 0				get it	remarks - general:	
	post TP-17: adds 24/09/2002	6 . 0 . 1				get it	remarks - this release: .	
	test vector file							
	TP-20	6 . 1 . 0						
TS 23.041	Technical realization of Cell Broadcast Service (CBS)							
Rel-6	current version: 6.1.0		WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Research In Motion Limited			
	freeze_meeting: SP-22		G: yes U: yes	MCC: RODERMUND, Friedhelm				
	history (event, available, version,							
	TP-17 18/09/2002	6 . 0 . 0				get it	remarks - general: Transfer>TSG#4	
	TP-19 25/03/2003	6 . 1 . 0				get it	remarks - this release: .	

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-6	current version: 6.1.0	WG (prime / other):	T2 / -	rapporteur:	BRENK, Lars	TTPCom Ltd			
	freeze_meeting: SP-22	G: yes U: yes		MCC:	RODERMUND, Friedhelm				
history (event, available, version,									
TP-16	28/06/2002	6 . 0 . 0		get it	remarks - general:	Apr-2001: " Station Application" removed from title.			
TP-17	18/09/2002	6 . 1 . 0		get it	remarks - this release:	.			
<hr/>									
TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2								
Rel-6	current version: 6.1.0	WG (prime / other):	S2 / -	rapporteur:	ZHAO, Yilin	MOTOROLA Ltd			
	freeze_meeting:	G: yes U: yes		MCC:	YOON, Sang-Ui				
history (event, available, version,									
SP-19	27/03/2003	6 . 0 . 0		get it	remarks - general:	Transfer>TSG#4			
SP-20		6 . 1 . 0			remarks - this release:	.			
<hr/>									
TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting:	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-19	04/04/2003	6 . 0 . 0		get it	remarks - general:				
					remarks - this release:	.			
<hr/>									
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting:	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-19	04/04/2003	6 . 0 . 0		get it	remarks - general:				
					remarks - this release:	.			
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-22	G: U: yes		MCC:	YOON, Sang-Ui				
history (event, available, version,									
SP-18	10/01/2003	6 . 0 . 0		get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.			
					remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".			

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-18 20/12/2002 6 . 0 . 0 [get it](#) *remarks - general:*
TP-19 31/03/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-20 6 . 2 . 0

TR 23.141 Presence service; Architecture and functional description; Stage 2

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S2 / *rapporteur:* MAANSAARI, Kirsi NOKIA KOREA
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 17/06/2002 0 . 0 . 0 [get it](#) *remarks - general:*
SP-17 04/10/2002 1 . 0 . 0 SP-020538 for approval [get it](#) *remarks - this release:* .
SP-17 07/10/2002 6 . 0 . 0 Many editorial corrections needed [get it](#)
before fit for SDO publication.
SP-18 10/01/2003 6 . 1 . 0 [get it](#)
SP-19 27/03/2003 6 . 2 . 0 [get it](#)
SP-20 6 . 3 . 0

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-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in
case ...".

TS 23.221 Architectural requirements

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
freeze_meeting: *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-19 27/03/2003 6 . 0 . 0 [get it](#) *remarks - general:* Derived from R99-specific 23.121
remarks - this release: .

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.228	IP Multimedia Subsystem (IMS); Stage 2								
Rel-6	current version: 6.2.0			WG (prime / other): S2 / -	rapporteur: TOWLE, Thomas	Lucent Technologies			
	freeze_meeting: SP-22			G: yes U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	SP-18 07/01/2003	6 . 0 . 0		get it	remarks - general:				
	edito post SP-18 07/01/2003	6 . 0 . 1	corrects Rel shown on front cover.	get it	remarks - this release: .				
	SP-19 27/03/2003	6 . 1 . 0		get it					
	SP-20	6 . 2 . 0							
TS 23.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition								
Rel-6	current version: 1.10.0		DRAFT	WG (prime / other): S2 / -	rapporteur: YOON, Sang-Ui	KT Freetel Co., Ltd.			
	freeze_meeting: SP-22			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	conversion from	0 . 1 . 0			remarks - general:				
	23.934 v0.5.0				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.				
	SP-17 04/10/2002	1 . 0 . 0	SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).	get it					
	draft 06/01/2003	1 . 2 . 1		get it					
	draft 08/01/2003	1 . 3 . 0		get it					
	SP-19 24/03/2003	1 . 6 . 0	Annexed to LS in SP-030065 (ex S2-030727),	get it					
	S2-31	1 . 7 . 0							
	draft 25/04/2003	1 . 8 . 0		get it					
	SP-20	1 . 10 . 0	SP-030313						
TS 23.240	3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)								
Rel-6	current version: 6.0.0			WG (prime / other): S2 /	rapporteur: UZQUIANO, Nacho	TELEFONICA DE ESPAÑA SA			
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	SP-19 24/03/2003	1 . 0 . 0	S2-030944 -> SP-030031	get it	remarks - general: Cf work item 'Generic user profile'				
	S2-31 22/04/2003	1 . 1 . 0		get it	remarks - this release: SP-19: moved from Rel-5				
	S2-32 26/05/2003	1 . 2 . 0	S2-032170	get it					
	SP-20 26/05/2003	2 . 0 . 0	S2-032171 -> SP-030310	get it					
	SP-20	6 . 0 . 0							

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.241	3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework								
Rel-6	current version: 0.3.0	DRAFT	WG (prime / other): T2 /	rapporteur: BISCHINGER, Kurt	T-Mobile AUSTRIA GmbH				
	freeze_meeting: SP-22		G: U: yes	MCC: RODERMUND, Friedhelm					
	history (event, available, version, draft 28/05/2002	0 . 3 . 0							
			get it	remarks - general: Cf work item 'Generic user profile'					
				remarks - this release: RP-15: Delayed from Rel-5.					
TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description (Stage 2)								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S2 /	rapporteur: JARVIS, Andre	3				
	freeze_meeting: SP-22		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, draft	0 . 0 . 0							
	S2-27 14/11/2002	0 . 1 . 0	get it	remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in					
	S2-28	0 . 2 . 0		remarks - this release: SP-15: from Rel-5.					
add TS number	18/12/2002	0 . 2 . 1	get it						
	S2-29 24/02/2003	0 . 3 . 0	get it						
	S2-30	0 . 4 . 0							
				SP-19: was to have been SP-030128 but never presented (withdrawn unseen from mtg)					
	S2-31 29/04/2003	0 . 5 . 0	get it						
	SP-20	1 . 0 . 0		SP-030312					
TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-6	current version: 6.4.0		WG (prime / other): S2 / -	rapporteur: KÅLL, Jan	NOKIA Corporation				
	freeze_meeting: SP-22		G: yes U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, SP-16 18/06/2002	6 . 0 . 0	get it	remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.					
	SP-17 02/10/2002	6 . 1 . 0	get it	remarks - this release: Continues 23.871					
	SP-18 09/01/2003	6 . 2 . 0	get it						
	SP-19 27/03/2003	6 . 3 . 0	get it						
	SP-20	6 . 4 . 0							

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.825	Overall architecture aspects of IP flow based bearer level charging; Stage 2							
Rel-6	current version: 0.5.0	DRAFT	WG (prime / other): S2 / -	rapporteur: WILLIAMS, Brian	Telefon AB LM Ericsson			
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,							
	draft	0 . 1 . 0					remarks - general:	
	S2-29	0 . 2 . 0					remarks - this release: .	
	S2-30 08/04/2003	0 . 3 . 0						get it
	draft 02/06/2003	0 . 5 . 0						get it
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:		G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,							
	S2-30	0 . 0 . 0					remarks - general: WID contained in S2-022472. See also	
	S2-31 14/04/2003	0 . 0 . 1	S2-031153				remarks - this release: . http://www.esa.int/export/esaSA/GGGMX650NDC_navigation_0.html.	
	S2-31	0 . 0 . 2						get it
	S2-31	0 . 1 . 0						
	S2-31	0 . 2 . 0						
	SP-20 28/05/2003	1 . 0 . 0	SP-030311					get it
TR 23.841	Presence service architecture							
Rel-6	current version: 6.0.0		WG (prime / other): S2 /	rapporteur: MAANSAARI, Kirsi	NOKIA KOREA			
	freeze_meeting: SP-22		G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,							
	SP-16 22/07/2002	2 . 0 . 0	SP-020319				remarks - general:	
	SP-16 25/07/2002	6 . 0 . 0					remarks - this release: TP-16: clear that service is Rel-6.	
								get it
								get it

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3			
	<i>freeze_meeting:</i> SP-22			<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	draft 12/04/2002	0 . 3 . 0		get it	<i>remarks - general:</i>		This is a preparatory report which may result in the creation of a stage 2 TS		
	S2-24	0 . 4 . 0			<i>remarks - this release:</i>		SP-15: To be a Rel-6 service, not Rel-5.		
post S2-24	22/05/2002	0 . 5 . 0		get it					
draft	28/05/2002	0 . 5 . 1		get it					
SP-16	04/07/2002	1 . 0 . 0	SP-020361	get it					
draft	19/07/2002	1 . 1 . 0		get it					
draft	22/07/2002	1 . 1 . 1		get it					
draft	16/09/2002	1 . 2 . 0		get it					
SP-17	24/09/2002	2 . 0 . 0	SP-020535	get it					
SP-17	03/10/2002	6 . 0 . 0		get it					
SP-18	13/01/2003	6 . 1 . 0		get it					
<hr/>									
TS 23.851	Network sharing; Architecture and functional description								
Rel-6	<i>current version:</i> 0.2.0		DRAFT	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> NILSSON, Ulf	TeliaSonera AB			
	<i>freeze_meeting:</i>			<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 0			<i>remarks - general:</i>				
	draft	0 . 1 . 0			<i>remarks - this release:</i>				
S2-32	02/05/2003	0 . 2 . 0	S2-031973	get it					
<hr/>									
TR 23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks								
Rel-6	<i>current version:</i> 0.6.0		DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERTENYI, Balazs	NOKIA Corporation			
	<i>freeze_meeting:</i>			<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
S2-29	03/02/2003	0 . 3 . 1	2003-02-03: Renumbered to 23.864.	get it	<i>remarks - general:</i>		Was briefly 23.964.		
draft	24/02/2003	0 . 4 . 0		get it	<i>remarks - this release:</i>		.		
draft	24/02/2003	0 . 4 . 1		get it					
draft	24/03/2003	0 . 5 . 0		get it					
S2-31	22/04/2003	0 . 6 . 0	inc S2-031533	get it					

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.867	Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions								
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other):	S2 / -	rapporteur: POIKSELKA, Miikka	NOKIA Corporation			
	freeze_meeting:		G: U: yes		MCC: YOON, Sang-Ui				
history (event, available, version,									
post S2-30	02/04/2003	0 . 0 . 0	based on S2-030911 rev7 and S2-030551.	get it	remarks - general: 2003-04-02 Raooirteur: Intention is to transfer this material into 23.002, 23.060				
draft	17/04/2003	0 . 1 . 0		get it	remarks - this release: . and 23.228.				
post S2-32		0 . 2 . 0							
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-22		G: U: yes		MCC: YOON, Sang-Ui				
history (event, available, version,									
draft		0 . 4 . 0			remarks - general:				
SP-18	10/01/2003	1 . 0 . 0	SP-020797 for approval	get it	remarks - this release: .				
SP-18	13/01/2003	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.	get it					
SP-19	27/03/2003	6 . 1 . 0		get it					
SP-20		6 . 2 . 0							
TR 23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS); Feasibility study								
Rel-6	current version: 0.7.0	DRAFT	WG (prime / other):	S2 / -	rapporteur: MOUSSET, Claire	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-18		G: yes U: yes		MCC: YOON, Sang-Ui				
history (event, available, version,									
draft	07/08/2002	0 . 0 . 0		get it	remarks - general: Work Item: SP-020140				
draft	24/09/2002	0 . 1 . 0		get it	remarks - this release: .				
draft	24/09/2002	0 . 2 . 0		get it					
draft	14/11/2002	0 . 3 . 0		get it					
draft	14/11/2002	0 . 3 . 1		get it					
S2-28	16/12/2002	0 . 4 . 0		get it					
draft	16/12/2002	0 . 4 . 1		get it					
S2-29	13/02/2003	0 . 5 . 0		get it					
S2-29	13/02/2003	0 . 5 . 1		get it					
S2-30	29/04/2003	0 . 6 . 0		get it					
S2-31	22/04/2003	0 . 7 . 0	includes S2-031354, S2-031534, S2-031598	get it					

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Server ACTIVE specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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-18		G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,							
	S2-24 07/05/2002	0 . 1 . 0	get it	remarks - general:				
	SP-17 24/09/2002	1 . 0 . 0	get it	remarks - this release:	2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.			
	SP-020536							
TR 23.976	Push architecture							
Rel-6	current version: 0.4.0	DRAFT	WG (prime / other): S2 / -	rapporteur: YOON, Sang-Ui	KT Freetel Co., Ltd.			
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,							
	S2-29	0 . 0 . 0		remarks - general:	2003-02-04: 23.876 -> 23.976			
	S2-29 03/02/2003	0 . 0 . 1	get it	remarks - this release:	.			
	draft 24/02/2003	0 . 1 . 0	get it					
	draft 24/03/2003	0 . 2 . 0	get it					
	S2-31 05/05/2003	0 . 3 . 0	get it					
	S2-32 27/05/2003	0 . 4 . 0	get it					

Rel-6 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3							
Rel-6	current version: 6.1.0		WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting:		G: yes U: yes	MCC: JORGENSEN, Per Johan				
	history (event, available, version,							
	NP-19 24/03/2003	6 . 0 . 0	get it	remarks - general:	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to			
	NP-20	6 . 1 . 0		remarks - this release:	. be resolved till Jun00.			
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3							
Rel-6	current version: 6.0.0		WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting:		G: yes U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,							
	NP-19 04/04/2003	6 . 0 . 0	get it	remarks - general:				
				remarks - this release:	.			

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

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Server ACTIVE specs Rel-6 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.241 3GPP Generic User Profile (GUP) requirements; Stage 3; Access; Common objects

Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
draft 28/05/2002 0 . 3 . 0 [get it](#) *remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 27.241
remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

TR 24.841 Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
N1-25 0 . 0 . 1 *remarks - this release:* .
N1-26 17/09/2002 0 . 1 . 0 [get it](#)
N1-26 03/10/2002 0 . 2 . 0 [get it](#)
N1-26bis 14/11/2002 0 . 3 . 0 [get it](#)
N1-27 17/01/2003 0 . 4 . 0 N1-030010 [get it](#)
N1-28 04/03/2003 0 . 5 . 0 [get it](#)
N1-29 06/05/2003 0 . 6 . 0 [get it](#)
NP-20 02/06/2003 1 . 0 . 0 NP-030303 [get it](#)

Rel-6 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
RP-20 6 . 1 . 0 *remarks - this release:* RP-16 agreed not to implement the CR creating this Release.

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Server ACTIVE specs Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104 UTRA (BS) FDD; Radio transmission and reception

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-18 10/01/2003 6 . 0 . 0 Early ETSI publication because [get it](#) *remarks - general:*
referenced in SCP publications. *remarks - this release:* .
RP-19 04/04/2003 6 . 1 . 0 [get it](#)
RP-20 6 . 2 . 0

TS 25.133 Requirements for support of radio resource management (FDD)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-18 10/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
RP-19 04/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .
RP-20 6 . 2 . 0

TS 25.141 Base station conformance testing (FDD)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-18 10/01/2003 6 . 0 . 0 Early ETSI publication because [get it](#) *remarks - general:*
referenced in SCP publications. *remarks - this release:* .
RP-19 04/04/2003 6 . 1 . 0 [get it](#)
RP-20 6 . 2 . 0

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Server ACTIVE specs Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)					
Rel-6	current version: 2.0.0	DRAFT	WG (prime / other): R2 / -	rapporteur: KOULAKIOTIS, Dimitris	Nokia Telecommunications Inc.	
	freeze_meeting: SP-22		G: U: yes	MCC: ARZELIER, Claude		
	history (event, available, version,					
	R2-31	0 . 0 . 1	R2-021846		remarks - general:	
	R2-32	0 . 1 . 0	R2-020590		remarks - this release: .	
R2 / R3 MBMS ad	14/10/2002	1 . 1 . 0	R2-030006	get it		
	hoc					
	draft 23/01/2003	1 . 2 . 0		get it		
	draft 03/02/2003	1 . 3 . 0		get it		
	R2-34	1 . 4 . 0	R2-030122			
	R2-35	1 . 5 . 0	R2-030707			
R2 / R3 MBMS ad	21/05/2003	1 . 6 . 0	R2-030882	get it		
	hoc					
RP-20	02/06/2003	2 . 0 . 0	RP-030309 - not approved	get it		
TS 25.401	UTRAN overall description					
Rel-6	current version: 6.1.0		WG (prime / other): R3 / -	rapporteur: CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-19 26/03/2003	6 . 0 . 0		get it	remarks - general: Approval at TSG#5	
	RP-20	6 . 1 . 0			remarks - this release: .	
TS 25.450	UTRAN lupc interface general aspects and principles					
Rel-6	current version: 6.0.0		WG (prime / other): R3 /	rapporteur: LIN, le-Hong	Qualcomm Inc	
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-19 26/03/2003	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	
TS 25.452	UTRAN lupc interface: signalling transport					
Rel-6	current version: 6.0.0		WG (prime / other): R3 /	rapporteur: LIN, le-Hong	Qualcomm Inc	
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-19 26/03/2003	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	

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Server ACTIVE specs Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.453	UTRAN Iu-PS interface Positioning Calculation Application Part (PCAP) signalling									
Rel-6	current version: 6.1.0		WG (prime / other): R3 /		rapporteur: LIN, Ie-Hong	Qualcomm Inc				
	freeze_meeting:		G: U: yes		MCC: KRAUSE, Joern					
	history (event, available, version,									
	RP-19 26/03/2003	6 . 0 . 0								
	RP-20	6 . 1 . 0								
			get it		remarks - general:					
					remarks - this release:					
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 Resource Management (RRM)									
Rel-6	current version: 1.0.0		WG (prime / other): R3		rapporteur: MILLER, James					
	INTERDIGITAL COMMUNICATIONS		DRAFT		MCC: KRAUSE, Joern					
	freeze_meeting:		G: U: yes							
	history (event, available, version,									
	RP-20	1 . 0 . 0								
		RP-030342			remarks - general:					
					remarks - this release:					
TR 25.852	Radio access bearer support enhancements for the Iu-PS									
Rel-6	current version: 0.0.0		WG (prime / other): R3 /		rapporteur: DIESEN, Michael	MOTOROLA Ltd				
	DRAFT		G: U: yes		MCC: KRAUSE, Joern					
	freeze_meeting:									
	history (event, available, version,									
	RP-11 06/04/2001	0 . 0 . 0								
		Inherited from Rel-4.								
			get it		remarks - general:					
					remarks - this release:					
TR 25.869	Transmitter diversity solutions for multiple antennas									
Rel-6	current version: 1.0.2		WG (prime / other): R1 / -		rapporteur: KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.				
	DRAFT		G: U: yes		MCC: SASAKI, Tsukasa					
	freeze_meeting:									
	history (event, available, version,									
	RP-15 19/03/2002	1 . 0 . 2								
		RP-020130 - RP-20: to Rel-6								
			get it		remarks - general:					
					remarks - this release:					
TR 25.887	Beamforming									
Rel-6	current version: none		WG (prime / other): R1 / -		rapporteur: KAHTAVA, Jussi	Nokia Japan Co. Ltd				
	freeze_meeting: SP-22		G: U: yes		MCC: SASAKI, Tsukasa					
	history (event, available, version,									
					remarks - general:					
					remarks - this release:					

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Server ACTIVE specs Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD
Rel-6 *current version:* 1.1.0 DRAFT *WG (prime / other):* R1 / - *rapporteur:* LI, Xiaoqiang SAMSUNG Electronics Research Institute
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-18 06/01/2003 1 . 1 . 0 RP-020815 [get it](#) *remarks - general:*
remarks - this release: .

TR 25.889 Viable deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study
Rel-6 *current version:* 2.0.0 DRAFT *WG (prime / other):* R4 / - *rapporteur:* STAHLFJALL, Peter Telefon AB LM Ericsson
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-16 26/06/2002 1 . 0 . 0 RP-020354 [get it](#) *remarks - general:*
RP-17 24/09/2002 1 . 1 . 0 RP-020657 [get it](#) *remarks - this release:* .
RP-18 06/01/2003 1 . 2 . 1 RP-020690 [get it](#)
RP-20 2 . 0 . 0 RP-030343

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:* HWANG, Woonhee NOKIA Corporation
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
R3-31 0 . 0 . 1 *remarks - general:*
R3-31 0 . 1 . 0 *remarks - this release:* .
draft 11/10/2002 0 . 1 . 1 [get it](#)
draft 24/01/2003 0 . 2 . 1 [get it](#)
draft 0 . 3 . 0

TR 25.892 Analysis of OFDM for UTRAN enhancement
Rel-6 *current version:* 0.2.0 DRAFT *WG (prime / other):* R1 / *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-19 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
draft 31/03/2003 0 . 2 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Rel-6 25 .- series
Server http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.893	Radio access bearer scenarios					
Rel-6	current version: none			WG (prime / other): R2 / -	rapporteur: MIKOLA, Juha	NOKIA Corporation
	freeze_meeting: history (event, available, version,			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).	
TR 25.894	Enhanced UE positioning using software blanking					
Rel-6	current version: none			WG (prime / other): R2 / -	rapporteur: BARTLETT, David	Cambridge Positioning Systems Limited
	freeze_meeting: SP-22			G: U: yes	MCC: ARZELIER, Claude	
	history (event, available, version,				remarks - general:	
					remarks - this release: .	
TR 25.895	Analysis of higher chip rates for UTRA TDD evolution					
Rel-6	current version: 1.0.0	DRAFT		WG (prime / other): R1 / -	rapporteur: BEALE, Martin	IPWireless Inc.
	freeze_meeting: SP-22			G: U: yes	MCC: SASAKI, Tsukasa	
	history (event, available, version,			get it	remarks - general:	
	RP-19 24/03/2003 1 . 0 . 0 RP-030095				remarks - this release: 2002-10-07: anticipate approval at RP-20.	
TR 25.896	Uplink enhancements for dedicated transport channels					
Rel-6	current version: none			WG (prime / other): R1 / -	rapporteur: RANTA-AHO, Karri	NOKIA Corporation
	freeze_meeting: SP-22			G: U: yes	MCC: SASAKI, Tsukasa	
	history (event, available, version,				remarks - general:	
					remarks - this release: .	
TR 25.897	Feasibility study on the evolution of UTRAN architecture					
Rel-6	current version: 0.1.1	DRAFT		WG (prime / other): R3 / -	rapporteur: HWANG, Woonhee	NOKIA Corporation
	freeze_meeting: SP-22			G: U: yes	MCC: KRAUSE, Joern	
	history (event, available, version,			get it	remarks - general:	
	draft 24/01/2003 0 . 1 . 1				remarks - this release: .	

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Server ACTIVE specs Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.898	Power control enhancements for UTRA	Rel-6	current version: none freeze_meeting: SP-22 history (event, available, version,	WG (prime / other): R1 / - G: U: yes	rapporteur: MITRA, Diptendu MCC: SASAKI, Tsukasa	NOKIA UK Ltd	remarks - general: remarks - this release: .
TR 25.899	HSDPA enhancements	Rel-6	current version: none freeze_meeting: RP-21 history (event, available, version,	WG (prime / other): R1 / G: U: yes	rapporteur: FUKUI, Noriyuki MCC: SASAKI, Tsukasa	Mitsubishi Electric Co.	remarks - general: remarks - this release: .
TR 25.942	RF system scenarios	Rel-6	current version: 6.0.0 freeze_meeting: SP-22 history (event, available, version, RP-18 10/01/2003 6 . 0 . 0	WG (prime / other): R4 / - G: U: yes	rapporteur: BENABDALLAH, Nadia MCC: GUTIERREZ MIGUELEZ, Cesar	Vodafone Omnitel N.V	get it remarks - general: Additional rapporteur = A.De Pasquale. remarks - this release: .
TR 25.951	Base Station classification (FDD)	Rel-6	current version: 6.1.0 freeze_meeting: history (event, available, version, RP-19 24/03/2003 2 . 0 . 0 RP-030155 RP-19 04/04/2003 6 . 0 . 0 RP-20 6 . 1 . 0	WG (prime / other): R4 / - G: U: yes	rapporteur: SÄYNÄJÄKANGAS, Tuomo MCC: GUTIERREZ MIGUELEZ, Cesar	NOKIA Corporation	get it remarks - general: get it remarks - this release: RP-19: from Rel-5.

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

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Server ACTIVE specs Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.992 Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements

Rel-6 *current version:* 2.0.0 DRAFT *WG (prime / other):* RP / GP *rapporteur:* KOULAKIOTIS, Dimitris Nokia Telecommunications Inc.
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, draft 1 . 0 . 0 NOT seen by TSG RAN. Suspect *remarks - general:*
version number is too optimistic. *remarks - this release:* .
draft 1 . 1 . 0
draft 20/01/2003 1 . 2 . 0 Exploder list. Still not seen by RAN. [get it](#)
RP-19 24/03/2003 1 . 3 . 0 RP-030016 [get it](#)
RP-20 02/06/2003 2 . 0 . 0 RP-030310 - not approved [get it](#)

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:* 6.2.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, RP-18 16/12/2002 0 . 0 . 0 RP-020814; version number incorrect [get it](#) *remarks - general:*
on the document *remarks - this release:* SP-17: Currently the latest release version.
RP-18 16/01/2003 0 . 1 . 0 RP-020877 [get it](#)
RP-18 2 . 0 . 0 RP-020890 = composite of previous
two versions!
RP-18 13/01/2003 6 . 0 . 0 also created identical R99, Rel-4, Rel-5 [get it](#)
versions
RP-19 25/03/2003 6 . 1 . 0 [get it](#)
RP-20 6 . 2 . 0

TR 25.996 Spacial channel model for Multiple Input Multiple Output (MIMO) simulations

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies
freeze_meeting: *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version, RP-19 24/03/2003 1 . 0 . 0 RP-030181 [get it](#) *remarks - general:*
RP-20 2 . 0 . 0 RP-030311 *remarks - this release:* .
RP-20 6 . 0 . 0

Rel-6 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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Server ACTIVE specs Rel-6 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.093 AMR speech Codec; Source Controlled Rate operation
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.234 Transparent end-to-end transparent streaming service; Protocols and codecs
Rel-6 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
remarks - general:
remarks - this release: SP-19: CRs anticipated at SP-22.

TS 26.235 Packet switched conversational multimedia applications; Default codecs
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-20 6 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 26.244 Transparent end-to-end transparent streaming service; 3GPP file format (3GP)
Rel-6 *current version:* 0.1.3 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 04/04/2003 0 . 1 . 3 [get it](#) *remarks - general:*
remarks - this release: .

TS 26.245 Transparent end-to-end transparent streaming service; Timed text format
Rel-6 *current version:* 0.3.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 04/04/2003 0 . 3 . 1 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Rel-6 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.246 Transparent end-to-end transparent Packet-switched Streaming Service (PSS); 3GPP SMIL language profile

Rel-6 *current version:* 0.0.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* GRASSEL, Guido NOKIA Corporation
freeze_meeting: G: U: yes MCC: USAI, Paolino
history (event, available, version, draft 03/04/2003 0 . 0 . 1 [get it](#) *remarks - general:* Created S4-25bis. See S4-030135.
remarks - this release: .

Rel-6 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.007 AT command set for 3G User Equipment (UE)

Rel-6 *current version:* 6.3.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-22 G: yes U: yes MCC: RODERMUND, Friedhelm
history (event, available, version,
TP-16 25/06/2002 6 . 0 . 0 [get it](#) *remarks - general:*
TP-18 20/12/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-19 31/03/2003 6 . 2 . 0 [get it](#)
TP-20 6 . 3 . 0

Rel-6 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

Rel-6 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-22 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-18 09/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
NP-19 04/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:*
NP-20 6 . 2 . 0

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Server ACTIVE specs Rel-6 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface					
Rel-6	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting:	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-19 04/04/2003	6 . 0 . 0	get it	remarks - general:		
	NP-20	6 . 1 . 0		remarks - this release: .		
<hr/>						
TS 29.162	Interworking between the IM CN subsystem and IP networks					
Rel-6	current version: none	WG (prime / other): N3 /	rapporteur: HOLLAND, Nigel	mmO2 plc		
	freeze_meeting:	G: yes U: yes	MCC: BOSWARTHICK, David			
	history (event, available, version,					
				remarks - general:		
				remarks - this release: Work item moved to Rel-6.		
<hr/>						
TS 29.163	Interworking between the IM CN subsystem and CS networks					
Rel-6	current version: 1.7.0	WG (prime / other): N3 /	rapporteur: SANDERS, David	VODAFONE Group Plc		
	freeze_meeting: SP-22	G: yes U: yes	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	N3-25 20/01/2003	1 . 4 . 1	get it	remarks - general:		
	NP-19 06/03/2003	1 . 5 . 0	get it	remarks - this release: NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.		
	draft 24/03/2003	1 . 5 . 1	get it			
	N3-28	1 . 6 . 0				
	NP-20	1 . 7 . 0				NP-030196
<hr/>						
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions					
Rel-6	current version: 6.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	NP-20	6 . 0 . 0		remarks - general:		
				remarks - this release: .		
<hr/>						
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)					
Rel-6	current version: 6.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	NP-20	6 . 0 . 0		remarks - general:		
				remarks - this release: .		

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Server ACTIVE specs Rel-6 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-04- 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:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, NP-20) 6 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, NP-20) 6 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 29.198-13 Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, NP-20) 6 . 0 . 0 *remarks - general:*
remarks - this release: .

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):* N4 / - *rapporteur:* JANSSON, Jari NOKIA Corporation
freeze_meeting: SP-22 G: U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, *remarks - general:* Work item description in N4-021258.
remarks - this release: .

TS 29.234 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3

Rel-6 *current version:* none *WG (prime / other):* N4 / N2 *rapporteur:* RODRIGUEZ, Raquel NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, *remarks - general:* Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP
remarks - this release: . interworking", see N4-030221 (né N4-030157)

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Server ACTIVE specs Rel-6 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.240 Generic User Profile (GUP); Stage 3; Network

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): N4 / *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
remarks - this release: 2003-03-05: Delayed from Rel-5.

TS 29.332 Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3

Rel-6 *current version: none*
freeze_meeting: SP-22
history (event, available, version,

WG (prime / other): N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
G: *U:* yes *MCC:* KYMALAINEN, Kimmo

remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.
remarks - this release: Anticipated change control at NP-22.

TS 29.333 Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3

Rel-6 *current version: none*
freeze_meeting: SP-22
history (event, available, version,

WG (prime / other): N4 / *rapporteur:* SANDERS, David VODAFONE Group Plc
G: *U:* yes *MCC:* KYMALAINEN, Kimmo

remarks - general:
remarks - this release: .

TR 29.846 Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description

Rel-6 *current version: none*
freeze_meeting: NP-19
history (event, available, version,

WG (prime / other): N1 / *rapporteur:* HOBBS, Kevan 3
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

remarks - general:
remarks - this release: .

TS 29.847 Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details

Rel-6 *current version:* 0.2.0 DRAFT
freeze_meeting:
history (event, available, version,

WG (prime / other): N1 / - *rapporteur:* MAYER, Georg NOKIA Corporation
G: *U:* yes *MCC:* JORGENSEN, Per Johan

N1-29 06/05/2003 0 . 1 . 0
draft 02/06/2003 0 . 2 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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Server ACTIVE specs Rel-6 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.962 Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-18 06/01/2003 1 . 0 . 0 NP-020610 [get it](#) *remarks - general:*
NP-19 06/03/2003 1 . 1 . 0 NP-030073. Will be reviewed N1-28, [get it](#) *remarks - this release:* .
N3-27.
N3-29 1 . 2 . 0
NP-20 2 . 0 . 0 NP-030197 -> NP-030293
NP-20 6 . 0 . 0

TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults

Rel-6 *current version:* none *WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version.

Rel-6 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.531 Work Plan and Study Items - RAN WG3

Rel-6 *current version:* 0.9.3 DRAFT *WG (prime / other):* R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
freeze_meeting: *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
draft 23/11/2001 0 . 9 . 3 Inherited from R99. [get it](#) *remarks - general:*
remarks - this release: Continues work started in R99 document.

Rel-6 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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Server ACTIVE specs Rel-6 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.101	UICC-terminal interface; Physical and logical characteristics								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T3 / SCP	<i>rapporteur:</i> VESTERGAARD, Peter	NOKIA UK Ltd				
	<i>freeze_meeting:</i> TP-17		G: U: yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-17 18/09/2002	6 . 0 . 0		get it	<i>remarks - general:</i>	Contents is a reference to ETSI TR 102 221.			
	TP-18 02/01/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	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.			
	TP-20	6 . 2 . 0							
<hr/>									
TS 31.102	Characteristics of the USIM Application								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HEIM, Christian	GIESECKE & DEVRIENT GmbH				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-18 02/01/2003	6 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-19 01/04/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-20	6 . 2 . 0							
<hr/>									
TS 31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-18 02/01/2003	6 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-19 26/03/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-20	6 . 2 . 0							
<hr/>									
TS 31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16 19/06/2002	6 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-17 25/09/2002	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-19 26/03/2003	6 . 2 . 0		get it					

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Server ACTIVE specs Rel-6 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration									
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael					GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>									
									<i>remarks - general:</i>	
									<i>remarks - this release:</i>	TP-15: Enhancements to Rel-5 envisaged.
<hr/>										
TS 31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications									
Rel-6	<i>current version:</i> 6.2.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					GEMPLUS Card International
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>									
	TP-16	26/06/2002	2 . 0 . 0	TP-020126	get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin.			
	TP-16	19/06/2002	6 . 0 . 0		get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.			
	TP-17	23/09/2002	6 . 1 . 0		get it					
	TP-18	02/01/2003	6 . 2 . 0		get it					
<hr/>										
TS 31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications									
Rel-6	<i>current version:</i> 6.3.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					GEMPLUS Card International
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>									
	TP-16	26/06/2002	2 . 0 . 0	TP-020127	get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin			
	TP-16	19/06/2002	6 . 0 . 0		get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.			
	TP-17	23/09/2002	6 . 1 . 0		get it					
	TP-18	02/01/2003	6 . 2 . 0		get it					
	TP-19	26/03/2003	6 . 3 . 0		get it					
<hr/>										
TS 31.130	(U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)									
Rel-6	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> JOLIVET, Paul					DoCoMo Europe S.A.
	<i>freeze_meeting:</i>			G: yes U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>									
	TP-20		1 . 0 . 0	TP-030127		<i>remarks - general:</i>				
						<i>remarks - this release:</i>	TP-20: Target for approval: TP-21.			

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Server ACTIVE specs Rel-6 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.131	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> TON, Wim	ASPECTS Software Ltd			
	<i>freeze_meeting:</i> SP-22			<i>G:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	TP-17 24/09/2002	2 . 0 . 0	TP-020219	get it	<i>remarks - general:</i> Test spec is 34.131.				
	TP-17 27/09/2002	6 . 0 . 0		get it	<i>remarks - this release:</i> .				
	TP-19 26/03/2003	6 . 1 . 0		get it					

TR 31.919	2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> ANDRAU, Stéphane	OBERTHUR CARD SYSTEMS S.A.			
	<i>freeze_meeting:</i>			<i>G:</i> yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	TP-20	1 . 0 . 0	TP-030128		<i>remarks - general:</i> WI UID = 43005.				
					<i>remarks - this release:</i> .				

Rel-6 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.140	Telecommunication management; Services operations management; Subscription management requirements								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ISLIP, John	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i>			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	SP-15 19/03/2002	1 . 0 . 0	SP-020012 (originally Rel-5)	get it	<i>remarks - general:</i>				
	SP-18 06/01/2003	1 . 1 . 1	SP-020728	get it	<i>remarks - this release:</i> SP-15: moved from Rel-5.				
	SP-19	2 . 0 . 0	SP-030041						
	SP-19 31/03/2003	6 . 0 . 0		get it					

TS 32.141	Telecommunication management; Services operations management; Subscription management architecture								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ABA, Istvan	T-Mobile AUSTRIA GmbH			
	<i>freeze_meeting:</i> SP-22			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	SP-19 27/03/2003	1 . 0 . 0	SP-030042	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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Server ACTIVE specs Rel-6 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.150	Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i> Justification: see SP-020608. Stage 3: see 27.150.
					<i>remarks - this release:</i> .
<hr/>					
TS 32.171	Service operations management; Subscription management resources Integration Reference Point (IRP); Requirements				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ABA, Istvan	T-Mobile AUSTRIA GmbH	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TS 32.172	Service operations management; Subscription management resources Integration Reference Point (IRP); Network resources model				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ABA, Istvan	T-Mobile AUSTRIA GmbH	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TS 32.240	Telecommunication management; Charging management; Charging architecture and principles				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TS 32.250	Telecommunication management; Charging management; Circuit Switched (CS) domain charging				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .

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http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.252	Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> NENNER, Karl-Heinz		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.260	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SHARON, Ariel		Lucent Technologies Networks System GmbH	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald		SIEMENS AG	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.271	Telecommunication management; Charging management; Location Services (LCS) charging					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BIBAS, Alain		ORANGE FRANCE	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.297	Telecommunication management; Charging management; Charging interface description to the billing domain					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SHARON, Ariel	Lucent Technologies Networks System GmbH	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	SP-20	1 . 0 . 0 SP-030273				
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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Server ACTIVE specs Rel-6 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.298 Telecommunication management; Charging management; Charging Data Record (CDR) encoding rules description
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S5 / - *rapporteur: NENNER, Karl-Heinz* T-MOBILE DEUTSCHLAND
G: U: yes *MCC: ZOICAS, Adrian*
remarks - general:
remarks - this release: .

TS 32.299 Telecommunication management; Charging management; Charging protocol description
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S5 / - *rapporteur: ALEXANDER, Benni* NOKIA Corporation
G: U: yes *MCC: ZOICAS, Adrian*
remarks - general:
remarks - this release: .

TS 32.331 Telecommunication management; Notification log Integration Reference Point (IRP): Requirements
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S5 / *rapporteur: SCHMIDT, Joerg* MOTOROLA A/S
G: U: yes *MCC: ZOICAS, Adrian*
remarks - general:
remarks - this release: .

TS 32.332 Telecommunication management; Notification log Integration Reference Point (IRP): Information service
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S5 / *rapporteur: SCHMIDT, Joerg* MOTOROLA A/S
G: U: yes *MCC: ZOICAS, Adrian*
remarks - general:
remarks - this release: .

TS 32.333 Telecommunication management; Notification log Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S5 / *rapporteur: RAYMER, David* Motorola Inc.
G: U: yes *MCC: ZOICAS, Adrian*
remarks - general:
remarks - this release: .

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TS 32.334	Telecommunication management; Notification log Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-20	1 . 0 . 0	SP-030290	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information service					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> RAYMER, David	Motorola Inc.	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SUERBAUM, Clemens	SIEMENS AG	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i> SP-20	6 . 0 . 0						<i>remarks - general:</i> was 32.104 (pars)	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf				Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i> SP-17 16/09/2002	1 . 0 . 0	SP-020500	<u>get it</u>				<i>remarks - general:</i>	
	SP-20	2 . 0 . 0	SP-030294					<i>remarks - this release:</i> .	
	SP-20	6 . 0 . 0							
<hr/>									
TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information service								
Rel-6	<i>current version:</i> 1.0.0		DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i> SP-20	1 . 0 . 0	SP-030295					<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i> SP-20							<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.414	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i> SP-20							<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

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Server ACTIVE specs Rel-6 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.421	Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	MOTOROLA JAPAN LTD		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-16 17/06/2002 1 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-18 06/01/2003 2 . 0 . 0		get it	<i>remarks - this release:</i> .		
	SP-18 06/01/2003 6 . 0 . 0		get it			
	SP-19 31/03/2003 6 . 1 . 0		get it			

TS 32.422	Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TS 32.423	Telecommunication management; Subscriber and equipment trace: Trace data definition and management					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-19 01/04/2003 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-19 01/04/2003 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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Server ACTIVE specs Rel-6 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:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-19 03/04/2003 6 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

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:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-19 01/04/2003 6 . 0 . 0
SP-20 6 . 1 . 0
[get it](#) *remarks - general:*
remarks - this release: .

TS 32.681 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: .

TS 32.682 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: .

TS 32.683 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: .

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ACTIVE specs Rel-6 32 .- series
Server http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.684 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: .

TR 32.815 Telecommunication management; Charging management; On-line Charging System (OCS) architecture study

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-20 1 . 0 . 0 SP-030274

remarks - general:
remarks - this release: .

Rel-6 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.108 3G security; Handover interface for Lawful Interception (LI)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S3 / *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-18 18/12/2002 6 . 0 . 0 [get it](#) *remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core
SP-19 24/03/2003 6 . 1 . 0 [get it](#) *remarks - this release:* . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).
SP-20 6 . 2 . 0

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:* POPE, Maurice
history (event, available, version,

remarks - general:
remarks - this release: .

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http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-6	current version: 6.2.0		WG (prime / other): S3 / -	rapporteur: KOIEN, Geir	Telenor AS				
	freeze_meeting: SP-22		G: yes U: yes	MCC: POPE, Maurice					
history (event, available, version,									
	SP-18 18/12/2002	6 . 0 . 0							
	SP-19 24/03/2003	6 . 1 . 0							
	SP-20	6 . 2 . 0							
			get it	remarks - general:	2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).				
			get it	remarks - this release:	.				
<hr/>									
TS 33.234	3G security; Wireless Local Area Network (WLAN) interworking security								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S3 / -	rapporteur: LOPEZ SORIA, Luis	Telefon AB LM Ericsson				
	freeze_meeting: SP-22		G: U: yes	MCC: POPE, Maurice					
history (event, available, version,									
	S3-25 23/10/2002	0 . 1 . 0							
			get it	remarks - general:					
				remarks - this release:	.				
<hr/>									
TS 33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)								
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): S3 / -	rapporteur: ESCOTT, Adrian	3				
	freeze_meeting: SP-22		G: yes U: yes	MCC: POPE, Maurice					
history (event, available, version,									
	S3-25 23/10/2002	0 . 0 . 1							
			get it	remarks - general:					
				remarks - this release:	.				
<hr/>									
TS 33.310	Network domain security; Authentication framework								
Rel-6	current version: none		WG (prime / other): S3 / -	rapporteur: VIITANEN, Tommi	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
history (event, available, version,									
				remarks - general:					
				remarks - this release:	.				

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Server ACTIVE specs Rel-6 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

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
freeze_meeting: SP-20 One
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:* 2002-07-22: was formerly 33.910.
draft 0 . 0 . 1 *remarks - this release:* SP-17: expect v2.0.0 at SP-18.
SP-17 1 . 0 . 0 SP-020507 (wronly labeled 33.910)
edito post SP-17 18/09/2002 1 . 0 . 1 corrects spec number on front cover [get it](#)
S3-25 1 . 1 . 0
SP-18 16/01/2003 2 . 0 . 0 SP-020723 [get it](#)
SP-18 18/12/2002 6 . 0 . 0 [get it](#)

TR 33.941 Presence service; Security
Rel-6 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson
freeze_meeting: *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: .

Rel-6 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)
Rel-6 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
remarks - general:
remarks - this release: .

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ACTIVE specs Rel-6 34 .- series
Server http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.131 Test specification for C-language binding for (U)SIM API

Rel-6 *current version:* 6.0.0
freeze_meeting: TP-25
history (event, available, version,
T3-13 0 . 1 . 0
TP-17 24/09/2002 0 . 1 . 1 TP-020223
TP-17 19/09/2002 1 . 0 . 0
TP-19 24/03/2003 2 . 0 . 0 TP-030032
TP-19 26/03/2003 6 . 0 . 0

WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
G: yes U: yes *MCC:* DIETZE, Claus

remarks - general: Base spec is 31.131.
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

Rel-6 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-6 *current version:* none
freeze_meeting: SP-20
history (event, available, version,

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

remarks - general:
remarks - this release: .

Rel-6 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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

Rel-6 *current version:* 6.0.0
freeze_meeting: SP-22
history (event, available, version,
GP-12 03/01/2003 6 . 0 . 0

WG (prime / other): G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Moved from SMG3 Jan 2000.
remarks - this release: .

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

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ACTIVE specs Rel-6 43 .- series
Server http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.055 Dual Transfer Mode (DTM); Stage 2
Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: *G: yes U:* *MCC:* Jose Luis USAI, Paolino
history (event, available, version,
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*
GP-14 25/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-14 25/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 43.246 Multimedia Broadcast/Multicast Service (MBMS) in GERAN; Stage 2
Rel-6 *current version:* 0.2.1 DRAFT *WG (prime / other):* G2 / *rapporteur:* EDWIN, Diana SIEMENS AG
freeze_meeting: *G: U: yes* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-13 0 . 1 . 0 GP-030181 *remarks - general:* 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes
GP-13b 0 . 2 . 0 G2-030227 *remarks - this release:* . to existing GERAN protocol specs.
GP-14 02/05/2003 0 . 2 . 1 GP-030726 Formal TS number [get it](#)
allocated on upload

Rel-6 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol
Rel-6 *current version:* 6.2.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 17/12/2002 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-14 28/04/2003 6 . 2 . 0 [get it](#)

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

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ACTIVE specs Rel-6 44 .- series
Server http://www.3gpp.org/ftp/Specs/archive/44_series

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:* 6.2.0 *WG (prime / other):* G2 / *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 17/12/2002 6 . 0 . 0 [get it](#) *remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* . (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
GP-14 29/04/2003 6 . 2 . 0 [get it](#)

TS 44.065 Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-20 6 . 0 . 0 *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
remarks - this release: .

TR 44.933 Seamless support of streaming services in GERAN A/Gb mode
Rel-6 *current version:* 0.5.0 DRAFT *WG (prime / other):* G2 / - *rapporteur:* GESSNER, Christina SIEMENS AG
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 0 . 1 . 0 *remarks - general:* Work item = SSSstrea.
G2-12b 0 . 2 . 0 *remarks - this release:* .
GP-13 0 . 3 . 0
GP-14 0 . 4 . 0 GP-030654
G2-14b 07/05/2003 0 . 5 . 0 (TR number not shown on doc) [get it](#)

Rel-6 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.001 Physical layer on the radio path; General description
Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
GP-14 25/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-6 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.002	Multiplexing and multiple access on the radio path					
Rel-6	current version: 6.1.0	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Benoist	NOKIA Corporation
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-13 21/02/2003			get it	remarks - general:	
	GP-14 25/04/2003			get it	remarks - this release: .	
TS 45.005	Radio transmission and reception					
Rel-6	current version: 6.2.0	WG (prime / other):	G1 / -	rapporteur:	SAMUELSSON, Mats	
	freeze_meeting: SP-22	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-12 03/01/2003			get it	remarks - general:	
	GP-13 21/02/2003			get it	remarks - this release: .	
	GP-14 25/04/2003			get it		
TS 45.008	Radio subsystem link control					
Rel-6	current version: 6.2.0	WG (prime / other):	G1 / -	rapporteur:	EL-SAIGH, Amer	VODAFONE Group Plc
	freeze_meeting: SP-22	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-12 03/01/2003			get it	remarks - general:	
	GP-13 21/02/2003			get it	remarks - this release: .	
	GP-14 25/04/2003			get it		
TS 45.010	Radio subsystem synchronization					
Rel-6	current version: 6.0.0	WG (prime / other):	G1 / -	rapporteur:	JOKINEN, Harri	NOKIA MOBILE PHONES
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-14 25/04/2003			get it	remarks - general:	
					remarks - this release: .	
TR 45.050	Background for RF Requirements					
Rel-6	current version: 6.0.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-22	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	GP-12 03/01/2003			get it	remarks - general:	
					remarks - this release: .	

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ACTIVE specs Rel-6 45 .- series
Server http://www.3gpp.org/ftp/Specs/archive/45_series

TR 45.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 6 . 0 . 0 [get it](#) *remarks - general:* Renumbered from 41.811.
remarks - this release: Renumbered from 41.811.

TR 45.902 Flexible layer 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
GP-12 26/11/2002 0 . 3 . 0 GP-023427 [get it](#) *remarks - this release:* .
GP-13 13/02/2003 0 . 4 . 0 GP 030193 [get it](#)
GP-13 13/02/2003 1 . 0 . 0 [get it](#)
GP-14 25/04/2003 6 . 0 . 0 [get it](#)

Rel-6 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 17/12/2002 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*
GP-14 29/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-6 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
GP-14 29/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Rel-6 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099 GERAN project plan and open issues
Rel-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* BLADSJO, David Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
draft 20/03/2002 0 . 1 . 6 ex-Rel-5. [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
remarks - this release: 2003-01-14: Fel-5 frozen, so migrated to Rel-6. Rel-5. GP-12: Rel-5 frozen, so draft
moved to Rel-6.

Rel-6 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.021 GSM radio aspects base station system equipment specification
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Rel-6 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

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Server ACTIVE specs Rel-6 52 .- series
http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.008 Telecommunication management; GSM subscriber and equipment trace

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: SP-22 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: .

Rel-6 55 .- series Server location: 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-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-22 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,

S3-26 0 . 1 . 0 S3-020675 *remarks - general:* Not subject to export control.
SP-18 16/01/2003 1 . 0 . 0 SP-020724 [get it](#) *remarks - this release:* .
SP-18 18/12/2002 6 . 0 . 0 [get it](#)

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:* 6.1.0 *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version,
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .
SP-18 18/12/2002 6 . 1 . 0 [get it](#)

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 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version,
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .
SP-18 18/12/2002 6 . 1 . 0 [get it](#)

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

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Server ACTIVE specs Rel-6 55 .- series
http://www.3gpp.org/ftp/Specs/archive/55_series

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	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-20									
	<i>history (event, available, version,</i>		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	POPE, Maurice			
	SP-17 22/07/2002	1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>				
	SP-17 18/09/2002	6 . 0 . 0			get it	<i>remarks - this release:</i>	.			
	SP-18 18/12/2002	6 . 1 . 0			get it					

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	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-20									
	<i>history (event, available, version,</i>		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	POPE, Maurice			
	SP-17 22/07/2002	1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>				
	SP-17 18/09/2002	6 . 0 . 0			get it	<i>remarks - this release:</i>	.			
	SP-18 18/12/2002	6 . 1 . 0			get it					

Rel-5

Rel-5 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system									
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-20		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>									
						<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999			
						<i>remarks - this release:</i>	. Specifications".			

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

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Server ACTIVE specs Rel-5 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.111	USIM and IC card requirements					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> TP-16		G: U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>					
	TP-16 19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	TP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
<hr/>						
TR 21.801	Specification drafting rules					
Rel-5	<i>current version:</i> 5.0.2		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	SP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	edito 19/07/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .	
	edito 15/05/2003	5 . 0 . 2		get it		
<hr/>						
TR 21.900	Technical Specification Group working methods					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	SP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	edito post SP-17 18/09/2002	5 . 0 . 1	corrects Release id on cover page	get it	<i>remarks - this release:</i> .	
<hr/>						
TR 21.905	Vocabulary for 3GPP Specifications					
Rel-5	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele		T-Mobile (UK) Ltd
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-12 27/06/2001	5 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-13 05/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	SP-14 10/01/2002	5 . 2 . 0		get it		
	SP-15 25/03/2002	5 . 3 . 0		get it		
	SP-16 04/07/2002	5 . 4 . 0		get it		
	SP-17 16/09/2002	5 . 5 . 0		get it		
	SP-19 25/03/2003	5 . 6 . 0		get it		
	SP-20	5 . 7 . 0				

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Server ACTIVE specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

Rel-5 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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				
history (event, available, version,									
SP-16 19/07/2002	5 . 0 . 0			get it	remarks - general: Transfer>TSG#5				
					remarks - this release: .				
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 Limited			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-16 04/07/2002	5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
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				
history (event, available, version,									
SP-14 10/01/2002	5 . 0 . 0			get it	remarks - general: Transfer>TSG#5				
SP-15 25/03/2002	5 . 1 . 0			get it	remarks - this release: .				
SP-16 04/07/2002	5 . 2 . 0			get it					
TS 22.004	General on supplementary services								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-16 19/07/2002	5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
TS 22.011	Service accessibility								
Rel-5	current version: 5.1.0	WG (prime / other):	S1 / -	rapporteur:	GALLAIRE, Jean Paul	France Telecom			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-16 19/07/2002	5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
SP-17 17/09/2002	5 . 1 . 0			get it	remarks - this release: .				

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

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http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.016	International Mobile Equipment Identities (IMEI)								
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				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-5	current version: 5.0.0	WG (prime / other):	S3 / -	rapporteur:	NGUYEN NGOC, Sebastien	France Telecom			
	freeze_meeting: SP-17	G: yes U: yes		MCC:	POPE, Maurice				
history (event, available, version,	SP-17 18/09/2002 5 . 0 . 0 identical to 4.1.0.			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4,CR at TSG#5				
					remarks - this release: .				
<hr/>									
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	TOIVANEN, Annukka	NOKIA Corporation			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
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:	POPE, Maurice				
history (event, available, version,	SP-18 06/01/2003 5 . 0 . 0 Technically identical to 43.031 v5.0.0.			get it	remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 -> 22.031.				
					remarks - this release: .				

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TS 22.032	Immediate Service Termination (IST); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).	<i>remarks - this release:</i> .		
<hr/>						
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .		
<hr/>						
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 18/10/2000 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .		
	SP-10 08/01/2001 5 . 1 . 0	get it				
	SP-12 27/06/2001 5 . 2 . 0	get it				
	SP-20 5 . 3 . 0					
<hr/>						
TS 22.041	Operator Determined Call Barring					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .		
<hr/>						
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .		
	SP-20 5 . 1 . 0					

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TS 22.048	Security Mechanisms for the (U)SIM application toolkit; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / S3		<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd				
	<i>freeze_meeting:</i> TP-20	G: yes U: yes		<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>								
	TP-20	5 . 0 . 0	technically identical to v4.0.0			<i>remarks - general:</i> TP-12: was previously 42.048.			
						<i>remarks - this release:</i> .			
<hr/>									
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002	5 . 0 . 0		get it		<i>remarks - general:</i> Transfer>TSG#4.			
						<i>remarks - this release:</i> .			
<hr/>									
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd				
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000	5 . 0 . 0		get it		<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	SP-11 02/04/2001	5 . 1 . 0		get it		<i>remarks - this release:</i> Environment (MExE); Stage 1".			
	SP-13 05/10/2001	5 . 2 . 0		get it					
	SP-15 25/03/2002	5 . 3 . 0		get it					
	edito post SP-15 04/04/2002	5 . 3 . 1		get it					
	SP-16 04/07/2002	5 . 4 . 0		get it					
<hr/>									
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited				
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-13 05/10/2001	5 . 0 . 0		get it		<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002	5 . 1 . 0		get it		<i>remarks - this release:</i> .			
	SP-16 04/07/2002	5 . 2 . 0		get it					
	SP-19 25/03/2003	5 . 3 . 0		get it					

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TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-20	5 . 1 . 0			<i>remarks - this release:</i>	.			
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
					<i>remarks - this release:</i>	.			
TS 22.071	Location Services (LCS); Stage 1								
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WOHLERT, Randolph	SBC Communications Inc.			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-14 10/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-15 25/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
	edito post SP-15 04/04/2002	5 . 1 . 1		get it					
TS 22.072	Call Deflection (CD); Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	RAUCH, Horst	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
					<i>remarks - this release:</i>	.			
TS 22.076	Noise suppression for the AMR codec; Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			

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TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1							
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>							
	SP-09 09/11/2000	5 . 0 . 0	unclear how to implement CR	get it	<i>remarks - general:</i>			
	SP-10 08/01/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-11 02/04/2001	5 . 2 . 0		get it				
	SP-12 27/06/2001	5 . 3 . 0		get it				
	SP-13 05/10/2001	5 . 4 . 0		get it				
	SP-14 10/01/2002	5 . 5 . 0		get it				
	SP-15 25/03/2002	5 . 6 . 0		get it				
	SP-16 04/07/2002	5 . 7 . 0		get it				
	SP-17 17/09/2002	5 . 8 . 0		get it				
	SP-18 18/12/2002	5 . 9 . 0		get it				
	edito (fix missing headers/footers)	07/01/2003	5 . 9 . 1	get it				
	SP-19 25/03/2003	5 . 10 . 0		get it				
TS 22.079	Support of optimal routing; Stage 1							
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd				
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>							
	SP-16 19/07/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4			
					<i>remarks - this release:</i> .			
TS 22.081	Line Identification supplementary services; Stage 1							
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>							
	SP-16 19/07/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4			
					<i>remarks - this release:</i> .			

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						Server	ACTIVE specs	Rel-5	22	.- series
								http://www.3gpp.org/ftp/Specs/archive/22_series		
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> EVEN, Anne <i>MCC:</i> CLAYTON, Michael		France Telecom		
				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd		
				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
TS 22.084	MultiParty (MPY) supplementary service; Stage 1	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd		
				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd		
				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael		NORTEL NETWORKS (EUROPE)		
				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .					

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TS 22.087	User-to-user signalling (UUS); Stage 1								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
<i>history (event, available, version,</i>									
SP-16	19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i> Transfer>TSG#4	
								<i>remarks - this release:</i> .	
<hr/>									
TS 22.088	Call Barring (CB) supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
<i>history (event, available, version,</i>									
SP-16	19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i> Transfer>TSG#4	
								<i>remarks - this release:</i> .	
<hr/>									
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
<i>history (event, available, version,</i>									
SP-16	19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i> Transfer>TSG#4	
								<i>remarks - this release:</i> .	
<hr/>									
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
<i>history (event, available, version,</i>									
SP-16	19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i> Transfer>TSG#4	
								<i>remarks - this release:</i> .	
<hr/>									
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
<i>history (event, available, version,</i>									
SP-16	19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i> Transfer>TSG#4	
								<i>remarks - this release:</i> .	

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TS 22.094	Follow Me service description - Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BERGMANN, Ansgar	Deutsche Telekom AG			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general:	Transfer>TSG#4. GSM only @TSG#5			
					remarks - this release:	.			
<hr/>									
TS 22.096	Name identification supplementary services; 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				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general:	Transfer>TSG#4			
					remarks - this release:	.			
<hr/>									
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general:	Transfer>TSG#4			
					remarks - this release:	.			
<hr/>									
TS 22.101	Service aspects; Service principles								
Rel-5	current version: 5.10.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-15	G: U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-09 18/10/2000 5 . 0 . 0			get it	remarks - general:				
	SP-10 08/01/2001 5 . 1 . 0			get it	remarks - this release:				
	SP-11 02/04/2001 5 . 2 . 0			get it					
	SP-12 27/06/2001 5 . 3 . 0			get it					
	SP-13 05/10/2001 5 . 4 . 0			get it					
	SP-15 25/03/2002 5 . 5 . 0			get it					
	SP-16 04/07/2002 5 . 6 . 0			get it					
	SP-17 17/09/2002 5 . 7 . 0			get it					
	SP-18 18/12/2002 5 . 8 . 0			get it					
	SP-19 25/03/2003 5 . 9 . 0			get it					
	SP-20 5 . 10 . 0			get it					

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TS 22.105	Services and service capabilities					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-13 05/10/2001 5 . 0 . 0		get it <i>remarks - general:</i>			
	SP-15 25/03/2002 5 . 1 . 0		get it <i>remarks - this release:</i> .			
	SP-16 04/07/2002 5 . 2 . 0		get it			
TS 22.112	USIM toolkit interpreter; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MEYER, Michael	GIESECKE & DEVRIENT GmbH		
	<i>freeze_meeting:</i> TP-15	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-13 12/10/2001 5 . 0 . 0		get it <i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 22.115	Service Aspects Charging and billing					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 5 . 0 . 0		get it <i>remarks - general:</i>			
	SP-12 27/06/2001 5 . 1 . 0		get it <i>remarks - this release:</i>			
	SP-15 28/03/2002 5 . 2 . 0		get it			
	SP-20 5 . 3 . 0					
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
Rel-5	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 5 . 0 . 0		get it <i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment;			
	SP-12 27/06/2001 5 . 1 . 0		get it <i>remarks - this release:</i> Stage 1". SP-16: converted from TS to TR.			
	SP-14 10/01/2002 5 . 2 . 0		get it			
	SP-15 28/03/2002 5 . 3 . 0		get it			
	SP-16 19/07/2002 5 . 3 . 1	Converted from TS to TR.	get it			

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

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Server ACTIVE specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-12 27/06/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-13 05/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito 09/10/2001 5 . 1 . 1 [get it](#)
SP-14 10/01/2002 5 . 2 . 0 [get it](#)
SP-15 29/03/2002 5 . 3 . 0 [get it](#)
SP-16 04/07/2002 5 . 4 . 0 [get it](#)
SP-18 18/12/2002 5 . 5 . 0 [get it](#)

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 PCS LTD
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-14 10/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 04/07/2002 5 . 2 . 0 [get it](#)

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:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-14 10/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* (development in T2)
SP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 04/07/2002 5 . 2 . 0 [get it](#)
SP-17 17/09/2002 5 . 3 . 0 [get it](#)
SP-18 20/12/2002 5 . 4 . 0 [get it](#)

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

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Server ACTIVE specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-09 27/11/2000 1 . 0 . 0 [get it](#) *remarks - general:* SP-16: to "GERAN" set.
SP-12 27/06/2001 2 . 0 . 0 SP-010266 [get it](#) *remarks - this release:* WI approved TSG#7
SP-12 27/06/2001 5 . 0 . 0 [get it](#)
SP-13 05/10/2001 5 . 1 . 0 [get it](#)
SP-15 28/03/2002 5 . 2 . 0 [get it](#)

TS 22.228 Service requirements for the Internet Protocol (IP) multimedia core network subsystem; 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
history (event, available, version,
SP-09 28/09/2000 1 . 0 . 0 [get it](#) *remarks - general:*
SP-10 12/01/2001 5 . 0 . 0 [get it](#) *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.
SP-11 02/04/2001 5 . 1 . 0 [get it](#)
SP-12 27/06/2001 5 . 2 . 0 [get it](#)
SP-13 05/10/2001 5 . 3 . 0 [get it](#)
SP-14 10/01/2002 5 . 4 . 0 [get it](#)
SP-15 28/03/2002 5 . 5 . 0 [get it](#)
SP-16 19/07/2002 5 . 6 . 0 [get it](#)

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:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: SP-16 *G: U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
S1-12 0 . 1 . 0 *remarks - general:*
S1-13 0 . 2 . 0 *remarks - this release:* .
S1-14 0 . 3 . 0
SP-14 02/01/2002 1 . 0 . 0 SP-010733 [get it](#)
SP-15 19/03/2002 2 . 0 . 0 SP-020062 [get it](#)
SP-15 27/03/2002 5 . 0 . 0 [get it](#)

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

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Server ACTIVE specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.944 Service requirements for UE functionality split

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / *rapporteur:* GUPTA, Sanjay MOTOROLA Ltd
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-14 02/01/2002 1 . 0 . 0 SP-010679, SP-020064 [get it](#) *remarks - general:*
SP-15 19/03/2002 2 . 0 . 0 SP-020064 [get it](#) *remarks - this release:* .
SP-15 02/04/2002 5 . 0 . 0 Not fit for SDO publication. Contains [get it](#)
many editor's notes.
SP-16 04/07/2002 5 . 1 . 0 [get it](#)

Rel-5 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002 Network architecture

Rel-5 *current version:* 5.11.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-09 18/10/2000 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
SP-10 21/12/2000 5 . 1 . 0 [get it](#) *remarks - this release:*
SP-11 06/04/2001 5 . 2 . 0 [get it](#)
SP-12 12/07/2001 5 . 3 . 0 [get it](#)
SP-13 12/10/2001 5 . 4 . 0 [get it](#)
SP-14 07/01/2002 5 . 5 . 0 [get it](#)
SP-15 02/04/2002 5 . 6 . 0 [get it](#)
SP-16 17/06/2002 5 . 7 . 0 [get it](#)
SP-17 24/09/2002 5 . 8 . 0 [get it](#)
SP-18 10/01/2003 5 . 9 . 0 [get it](#)
SP-19 27/03/2003 5 . 10 . 0 [get it](#)
SP-20 5 . 11 . 0

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.003 Numbering, Addressing and Identification

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-12 27/06/2001 5 . 0 . 0 [get it](#) *remarks - general:*
NP-13 03/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-14 11/01/2002 5 . 2 . 0 [get it](#)
NP-16 21/06/2002 5 . 3 . 0 [get it](#)
NP-17 17/09/2002 5 . 4 . 0 [get it](#)
NP-18 07/01/2003 5 . 5 . 0 [get it](#)
post NP-18 fix 10/01/2003 5 . 5 . 1 [get it](#)
corrupted figures
pp24 ff
NP-20 5 . 6 . 0

TS 23.007 Restoration procedures

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-16 21/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.008 Organisation of subscriber data

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-16 21/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-17 17/09/2002 5 . 2 . 0 [get it](#)
NP-18 07/01/2003 5 . 3 . 0 [get it](#)
NP-19 04/04/2003 5 . 4 . 0 [get it](#)
NP-20 5 . 5 . 0

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

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Server ACTIVE specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.015	Technical realisation of Operator Determined Barring (ODB)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD					
	<i>freeze_meeting:</i> NP-15		Chalmers						
		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TS 23.016	Subscriber data management; Stage 2								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
	NP-17 17/09/2002 5 . 2 . 0	get it							
<hr/>									
TS 23.018	Basic Call Handling; Technical realization								
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD					
	<i>freeze_meeting:</i> NP-15		Chalmers						
		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-12 27/06/2001 5 . 0 . 0	get it	<i>remarks - general:</i>						
	NP-13 03/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
	NP-14 16/01/2002 5 . 2 . 0	get it							
	NP-15 28/03/2002 5 . 3 . 0	get it							
	NP-17 17/09/2002 5 . 4 . 0	get it							
	NP-18 07/01/2003 5 . 5 . 0	get it							
	NP-19 04/04/2003 5 . 6 . 0	get it							
	NP-20 5 . 7 . 0								
<hr/>									
TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-18								
		<i>G: yes U: yes</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-18 06/01/2003 5 . 0 . 0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &						
			<i>remarks - this release:</i> Created from 43.031 Rel-5. Rel-5 -> 23.031.						

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.032	Universal Geographical Area Description (GAD)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-19	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>						
	SP-19 27/03/2003 5 . 0 . 0	get it	<i>remarks - general:</i> S2 responsibility?				
			<i>remarks - this release:</i> .				
<hr/>							
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>				
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-18 18/12/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	NP-19 24/03/2003 5 . 2 . 0	get it					
<hr/>							
TS 23.035	Immediate Service Termination (IST); Stage 2						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>						
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).				
	SP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 23.038	Alphabets and language-specific information						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-15 21/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-16 02/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				

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

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.6.0

freeze_meeting: TP-15

history (event, available, version,

NP-12 05/07/2001 5 . 0 . 0

TP-13 03/10/2001 5 . 1 . 0

TP-14 11/01/2002 5 . 2 . 0

TP-15 26/03/2002 5 . 3 . 0

TP-16 05/07/2002 5 . 4 . 0

TP-17 18/09/2002 5 . 5 . 0

post TP-17: adds 24/09/2002 5 . 5 . 1

test vector file

TP-20 5 . 6 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.1.0

freeze_meeting: TP-16

history (event, available, version,

TP-16 26/06/2002 5 . 0 . 0

TP-19 24/03/2003 5 . 1 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Transfer>TSG#4

[get it](#) *remarks - this release:* .

TS 23.042 Compression algorithm for SMS

Rel-5 *current version:* 5.0.0

freeze_meeting: TP-15

history (event, available, version,

TP-16 26/06/2002 5 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

remarks - this release: .

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

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.048 Security Mechanisms for the (U)SIM application toolkit; Stage 2

Rel-5 *current version:* 5.7.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* DIETZE, Claus
history (event, available, version,
TP-12 06/07/2001 5 . 0 . 0 [get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13 12/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-14 17/01/2002 5 . 2 . 0 [get it](#)
TP-15 28/03/2002 5 . 3 . 0 [get it](#)
TP-17 23/09/2002 5 . 4 . 0 [get it](#)
TP-18 02/01/2003 5 . 5 . 0 [get it](#)
TP-19 26/03/2003 5 . 6 . 0 [get it](#)
TP-20 5 . 7 . 0

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
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* No draft.
remarks - this release: .

TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-15 25/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
TP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-14 08/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-15 05/04/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 17/06/2002 5 . 2 . 0 [get it](#)
SP-17 02/10/2002 5 . 3 . 0 [get it](#)
SP-18 10/01/2003 5 . 4 . 0 [get it](#) Seems that approved CR418 was not implemented.
SP-19 27/03/2003 5 . 5 . 0 [get it](#)
SP-20 5 . 6 . 0

TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4, CR at TSG#5
NP-20 5 . 1 . 0 *remarks - this release:* .

TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-5	current version: 5.4.0	WG (prime / other):	N2 / -	rapporteur:	HOMANN, Christian	ALCATEL SEL AG
	freeze_meeting: NP-16	G: yes U: yes		MCC:	JURISIC, Andrijana	
history (event, available, version,						
NP-16	17/06/2002	5 . 0 . 0		get it	remarks - general:	CR at TSG#4,CR at TSG#5
NP-17	17/09/2002	5 . 1 . 0		get it	remarks - this release:	Phase 4.
NP-18	18/12/2002	5 . 2 . 0		get it		
NP-19	25/03/2003	5 . 3 . 0		get it		
NP-20		5 . 4 . 0				

TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-5	current version: 5.2.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: NP-15	G: yes U: yes		MCC:	Chalmers	
history (event, available, version,					KYMALAINEN, Kimmo	
NP-15	28/03/2002	5 . 0 . 0		get it	remarks - general:	CR at TSG#4,CR at TSG#5
NP-16	21/06/2002	5 . 1 . 0		get it	remarks - this release:	.
NP-18	07/01/2003	5 . 2 . 0		get it		

TS 23.081	Line Identification supplementary services; Stage 2					
Rel-5	current version: 5.2.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-16	24/06/2002	5 . 0 . 0		get it	remarks - general:	
NP-17	17/09/2002	5 . 1 . 0		get it	remarks - this release:	.
NP-19	04/04/2003	5 . 2 . 0		get it		

TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-16	21/06/2002	5 . 0 . 0		get it	remarks - general:	
					remarks - this release:	.

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http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 17/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-12 27/06/2001 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 24/06/2002 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	CROOK, Mick	ORANGE PCS LTD
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 24/06/2002 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
Rel-5	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 21/06/2002 5 . 0 . 0	get it		remarks - general:		
	NP-17 17/09/2002 5 . 1 . 0	get it		remarks - this release:		
<hr/>						
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 24/06/2002 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 23.094	Follow Me Stage 2					
Rel-5	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 24/06/2002 5 . 0 . 0	get it		remarks - general:	Transfer>TSG#4. GSM only @TSG#5	
post NP-16 edito: 01/07/2002 5 . 0 . 1		get it		remarks - this release:		
make fig 5.1						

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.096 Name Identification Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
remarks - this release: .

TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.9.0
freeze_meeting: SP-15
history (event, available, version,
SP-11 11/04/2001 5 . 0 . 0
SP-12 29/06/2001 5 . 1 . 0
SP-13 12/10/2001 5 . 2 . 0
SP-14 07/01/2002 5 . 3 . 0
SP-15 07/04/2002 5 . 4 . 0
SP-16 17/06/2002 5 . 5 . 0
SP-17 24/09/2002 5 . 6 . 0
SP-18 10/01/2003 5 . 7 . 0
SP-19 27/03/2003 5 . 8 . 0
SP-20 5 . 9 . 0

WG (prime / other): S2 / - *rapporteur:* GREIS, Marc NOKIA Corporation
G: U: yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:* was 23.907
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-16
history (event, available, version,
NP-16 28/06/2002 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* This is clause 7 from 04.08 ex R98.
remarks - this release: 2002-04-15: N1-23 decision to continue to Rel-5.

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TS 23.116	Super-Charger technical realization; Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	ALLEN, Nicholas	Indicate persons who left Company and wait for new One
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,		get it		remarks - general:	New after TSG#5	
NP-16	24/06/2002	5	. 0	. 0	remarks - this release:	.
<hr/>						
TS 23.119	Gateway Location Register (GLR); Stage2					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	SAWADA, Masahiro	NTT DoCoMo Inc.
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,		get it		remarks - general:	New after TSG#5	
NP-16	24/06/2002	5	. 0	. 0	remarks - this release:	.
<hr/>						
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode					
Rel-5	current version: 5.2.0	WG (prime / other):	N1 / -	rapporteur:	HIETALAHTI, Hannu	NOKIA Corporation
	freeze_meeting: NP-15	G:	U: yes	MCC:	JORGENSEN, Per Johan	
history (event, available, version,		get it		remarks - general:		
NP-16	24/06/2002	5	. 0	. 0	remarks - this release:	.
NP-17	17/09/2002	5	. 1	. 0		
NP-18	18/12/2002	5	. 2	. 0		
<hr/>						
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2					
Rel-5	current version: 5.2.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA
	freeze_meeting: SP-15	G:	U: yes	MCC:	YOON, Sang-Ui	
history (event, available, version,		get it		remarks - general:	Sept 00: "Open Service Architecture" removed from title.	
SP-14	07/01/2002	5	. 0	. 0	remarks - this release:	.
SP-15	05/04/2002	5	. 1	. 0		
SP-16	17/06/2002	5	. 2	. 0		
<hr/>						
TS 23.135	Multicall supplementary service; Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation
	freeze_meeting: NP-15	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,		get it		remarks - general:		
NP-16	24/06/2002	5	. 0	. 0	remarks - this release:	.

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TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2									
Rel-5	current version: 5.7.0			WG (prime / other): T2 / -	rapporteur: LAUMEN, Josef	SIEMENS AG				
	freeze_meeting: TP-15			G: yes U: yes	MCC: RODERMUND, Friedhelm					
	history (event, available, version,									
	TP-13 05/10/2001	5	. 0	. 0	get it		remarks - general:			
	TP-14 11/01/2002	5	. 1	. 0	get it		remarks - this release:	2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend		
	TP-15 29/03/2002	5	. 2	. 0	get it			SDO publication till it is available.		
	TP-16 05/07/2002	5	. 3	. 0	get it					
										Schema delivered 2002-07-07 (uploaded -19) to http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1
	TP-17 30/09/2002	5	. 4	. 0	get it					Schema v1.1 uploaded 2002-11-14.
	TP-18 20/12/2002	5	. 5	. 0	get it					Schema v1.2 (REL-5-MM7-1-2.xsd) uploaded 2003-01-08 and version without file extension 2003-01-14.
	TP-19 31/03/2003	5	. 6	. 0	get it					
	TP-20	5	. 7	. 0						
TS 23.146	Technical realisation of facsimile Group 3 service - non-transparent									
Rel-5	current version: 5.0.0				WG (prime / other): N3 / -	rapporteur: HAGIWARA, Junichiro	NTT DoCoMo Inc.			
	freeze_meeting: NP-15				G: U: yes	MCC: BOSWARTHICK, David				
	history (event, available, version,									
	NP-16 28/06/2002	5	. 0	. 0	get it		remarks - general:			
							remarks - this release:	.		
TS 23.153	Out of Band Transcoder Control; Stage 2									
Rel-5	current version: 5.5.0				WG (prime / other): N4 / -	rapporteur: HODGES, Phil	Telefon AB LM Ericsson			
	freeze_meeting: NP-15				G: U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,									
	NP-15 28/03/2002	5	. 0	. 0	get it		remarks - general:	New after TSG#5		
	NP-16 21/06/2002	5	. 1	. 0	get it		remarks - this release:	.		
	NP-17 18/09/2002	5	. 2	. 0	get it					
	NP-18 09/01/2003	5	. 3	. 0	get it					
	NP-19 04/04/2003	5	. 4	. 0	get it					
	NP-20	5	. 5	. 0						

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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:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
draft 18/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*
NP-16 25/06/2002 2 . 0 . 0 NP-020168 [get it](#) *remarks - this release:* .
NP-16 28/06/2002 5 . 0 . 0 [get it](#)
NP-18 09/01/2003 5 . 1 . 0 [get it](#)

TS 23.195 Provision of User Equipment Specific Behaviour Information (UESBI) to network entities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 24/03/2003 0 . 1 . 0 [get it](#) *remarks - general:* Created as a result of 23.895.
SP-19 24/03/2003 1 . 0 . 0 SP-030030. Also RP-030195 at RP-10. [get it](#) *remarks - this release:* SP-20: approved as a Rel-5 document, not Rel-6.
S2-32 1 . 2 . 0 S2-031951 (inc in RP-030234)
RP-20 1 . 3 . 0 Tech identical to v1.2.0; S2-031953 /
RP-030354
SP-20 2 . 0 . 0 SP-030314
SP-20 2 . 1 . 0 SP-030335; incorporates RP-20
decisions re IMEISV vs bitmap
resolved (ie remove IMEISV)
SP-20 5 . 0 . 0

TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-14 10/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.
NP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 21/06/2002 5 . 2 . 0 [get it](#)
NP-17 18/09/2002 5 . 3 . 0 [get it](#)
NP-18 07/01/2003 5 . 4 . 0 [get it](#)
NP-19 04/04/2003 5 . 5 . 0 [get it](#)
NP-20 5 . 6 . 0

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TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-12 2 . 0 . 0 SP-010337 *remarks - general:*
SP-12 02/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 15/10/2001 5 . 1 . 0 [get it](#)
SP-14 07/01/2002 5 . 2 . 0 [get it](#)
SP-15 05/04/2002 5 . 3 . 0 [get it](#)
SP-16 18/06/2002 5 . 4 . 0 [get it](#)
SP-17 24/09/2002 5 . 5 . 0 [get it](#)
SP-18 10/01/2003 5 . 6 . 0 [get it](#)
SP-19 27/03/2003 5 . 7 . 0 [get it](#)
SP-20 5 . 8 . 0

TS 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
draft 30/03/2001 0 . 5 . 0 [get it](#) *remarks - general:*
draft 20/08/2001 0 . 5 . 2 [get it](#) *remarks - this release:* .
draft 11/09/2001 0 . 6 . 0 [get it](#)
draft 10/10/2001 0 . 7 . 0 [get it](#)
draft 05/11/2001 0 . 8 . 0 [get it](#)
draft 19/11/2001 0 . 9 . 0 [get it](#)
NP-14 05/12/2001 1 . 0 . 0 NP-010640 [get it](#)
draft 22/01/2002 1 . 1 . 0 [get it](#)
draft 06/02/2002 1 . 2 . 0 [get it](#)
draft 26/02/2002 2 . 0 . 0 [get it](#)
NP-15 19/03/2002 2 . 0 . 1 NP-020047 [get it](#)
NP-15 19/03/2002 5 . 0 . 0 [get it](#)
NP-16 25/06/2002 5 . 1 . 0 [get it](#)
NP-17 17/09/2002 5 . 2 . 0 [get it](#)
NP-18 18/12/2002 5 . 3 . 0 [get it](#)
NP-19 24/03/2003 5 . 4 . 0 [get it](#)
NP-20 5 . 5 . 0

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TS 23.221	Architectural requirements								
Rel-5	<i>current version:</i> 5.7.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-11 06/04/2001	5 . 0 . 0		get it	<i>remarks - general:</i>	Derived from R99-specific 23.121			
	SP-12 02/07/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-13 12/10/2001	5 . 2 . 0		get it					
	SP-14 07/01/2002	5 . 3 . 0		get it					
	SP-15 05/04/2002	5 . 4 . 0		get it					
	SP-16 18/06/2002	5 . 5 . 0		get it					
	SP-17 02/10/2002	5 . 6 . 0		get it					
	SP-18 10/01/2003	5 . 7 . 0		get it					

TS 23.226	Global text telephony (GTT); Stage 2: Architecture								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-12	2 . 0 . 0	SP-010336		<i>remarks - general:</i>	2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.			
	SP-12 29/06/2001	5 . 0 . 0		get it	<i>remarks - this release:</i>	WI approved TSG#7			
	SP-14 07/01/2002	5 . 1 . 0		get it					
	SP-15 05/04/2002	5 . 2 . 0		get it					

TS 23.227	Application and user interaction in the UE; Principles and specific requirements								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> TOMÉ, Olga	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> TP-15			<i>G: U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-14 11/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-15 26/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			

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

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Server ACTIVE specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5	current version: 5.9.0	WG (prime / other): S2 / -	rapporteur: TOWLE, Thomas	Lucent Technologies
	freeze_meeting: SP-15	G: yes U: yes	MCC: YOON, Sang-Ui	
<i>history (event, available, version,</i>				
	draft 30/11/2000	1 . 0 . 0	get it	<i>remarks - general:</i>
	SP-10 10/01/2001	1 . 4 . 0	get it	<i>remarks - this release:</i>
	draft 06/02/2001	1 . 7 . 0	get it	
	SP-11 06/04/2001	5 . 0 . 0	get it	
	SP-12 02/07/2001	5 . 1 . 0	get it	
	SP-13 17/10/2001	5 . 2 . 0	get it	
	repair of lost figures	5 . 2 . 1		
	SP-14 04/01/2002	5 . 3 . 0	get it	
	SP-15 08/04/2002	5 . 4 . 0	get it	
	edito post SP-15 12/04/2002	5 . 4 . 1	get it	
	SP-16 17/06/2002	5 . 5 . 0	get it	
	SP-17 30/09/2002	5 . 6 . 0	get it	
	SP-18 07/01/2003	5 . 7 . 0	get it	
	SP-19 27/03/2003	5 . 8 . 0	get it	
	SP-20	5 . 9 . 0		

TS 23.236 Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes

Rel-5	current version: 5.2.0	WG (prime / other): S2 / -	rapporteur: TERRILL, Stephen	Telefon AB LM Ericsson
	freeze_meeting: SP-15	G: yes U: yes	MCC: YOON, Sang-Ui	
<i>history (event, available, version,</i>				
	SP-12 12/07/2001	1 . 0 . 0	get it	<i>remarks - general:</i>
	draft 16/08/2001	1 . 1 . 0	get it	<i>remarks - this release: .</i>
	SP-13 01/10/2001	2 . 0 . 0	get it	
	SP-13	2 . 1 . 0		not made available
	SP-13 15/10/2001	5 . 0 . 0	get it	
	SP-14 07/01/2002	5 . 1 . 0	get it	
	SP-15 05/04/2002	5 . 2 . 0	get it	

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

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-5	current version: 5.7.0			WG (prime / other): S2 / -		rapporteur: KÅLL, Jan		NOKIA Corporation	
	freeze_meeting: SP-15			G: yes U: yes		MCC: YOON, Sang-Ui			
	history (event, available, version,								
	SP-13 15/10/2001	5 . 0 . 0		get it	remarks - general:	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.			
	SP-14 07/01/2002	5 . 1 . 0		get it	remarks - this release:	.			
	SP-15 29/03/2002	5 . 2 . 0		get it					
	SP-16 18/06/2002	5 . 3 . 0		get it					
	SP-17 24/09/2002	5 . 4 . 0		get it					
	SP-18 09/01/2003	5 . 5 . 0		get it					
	SP-19 27/03/2003	5 . 6 . 0		get it					
	SP-20	5 . 7 . 0							
TS 23.278	Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2								
Rel-5	current version: 5.3.0			WG (prime / other): N2 / -		rapporteur: REMOQUILLO, Angelica		Lucent Technologies	
	freeze_meeting: NP-18			G: yes U: yes		MCC: JURISIC, Andrijana			
	history (event, available, version,								
	NP-14 02/01/2002	1 . 0 . 0	NP-010586	get it	remarks - general:	2001-10-26: renumbered from 23.178.			
	NP-15 19/03/2002	1 . 1 . 0	NP-020059	get it	remarks - this release:	Was briefly 23.178. CAMEL Phase 4.			
	NP-16 26/06/2002	2 . 0 . 0	NP-020207 - not approved	get it					
	NP-17 24/09/2002	2 . 1 . 0	NP-020348	get it					
	NP-17 17/09/2002	5 . 0 . 0		get it					
	NP-18 10/01/2003	5 . 1 . 0		get it					
	NP-19 25/03/2003	5 . 2 . 0		get it					
	NP-20	5 . 3 . 0							
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: YOON, Sang-Ui			
	history (event, available, version,								
	draft	0 . 0 . 0	2001-08		remarks - general:	Was 23.915.			
	S2-19	0 . 1 . 0	2001-10		remarks - this release:	2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).			
	S2-20 20/11/2001	0 . 2 . 0		get it					
	S2-21 04/12/2001	0 . 3 . 0		get it					
	SP-14 11/01/2002	1 . 0 . 0	SP-010718	get it					
	SP-15 19/03/2002	2 . 0 . 0	SP-020144	get it					
	SP-15 05/04/2002	5 . 0 . 0		get it					

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

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Server ACTIVE specs Rel-5 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 *WG (prime / other):* S2 / *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:*
draft 0 . 0 . 2 *remarks - this release:* Not to progress to Rel-6: see 23.271.
draft 0 . 0 . 3
draft 0 . 1 . 0
S2-21 0 . 2 . 0
draft 0 . 3 . 0
draft 0 . 4 . 0
SP-14 02/01/2002 1 . 0 . 0 SP-010717 [get it](#)
S2-23 1 . 2 . 0
draft 19/03/2002 1 . 3 . 0 [get it](#)
SP-15 2 . 0 . 0 not presented
SP-16 22/07/2002 2 . 1 . 0 SP-020379 [get it](#)
SP-16 25/07/2002 5 . 0 . 0 [get it](#)

TR 23.875 Support of Push service

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S2 / *rapporteur:* UDA, Nobuyuki NTT COMWARE Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-13 16/10/2001 5 . 0 . 0 derived from SP-010508 [get it](#) *remarks - general:* SP-13: changed number from 23.974.
SP-14 04/04/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

TR 23.910 Circuit switched data bearer services

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
NP-17 17/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-18 06/01/2003 5 . 2 . 0 [get it](#)
NP-19 27/03/2003 5 . 3 . 0 [get it](#)

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Server ACTIVE specs Rel-5 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

Rel-5 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

Rel-5 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: NP-15 Peter Skov
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-19 24/03/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .
correction of typo 02/06/2003 5 . 1 . 1 [get it](#)
on cover page

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
NP-17 17/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

Rel-5 *current version:* 5.8.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-12 13/07/2001 5 . 0 . 0 [get it](#) *remarks - general:* CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to
NP-13 05/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* . be resolved till Jun00.
NP-14 10/01/2002 5 . 2 . 0 [get it](#)
NP-15 21/03/2002 5 . 3 . 0 [get it](#)
NP-16 24/06/2002 5 . 4 . 0 [get it](#)
NP-17 17/09/2002 5 . 5 . 0 [get it](#)
NP-18 18/12/2002 5 . 6 . 0 [get it](#)
NP-19 24/03/2003 5 . 7 . 0 [get it](#)
NP-20 5 . 8 . 0

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ACTIVE specs Rel-5 24 .- series
Server http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects						
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo				
		get it	remarks - general:				
			remarks - this release: .				
TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface						
Rel-5	current version: 5.2.0 freeze_meeting: NP-15	WG (prime / other): N1 / T2	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, NP-16 28/06/2002 5 . 0 . 0 NP-18 18/12/2002 5 . 1 . 0 NP-20 5 . 2 . 0	G: yes U: yes	MCC: JORGENSEN, Per Johan				
		get it	remarks - general: Transfer>TSG#4				
		get it	remarks - this release: .				
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices						
Rel-5	current version: 5.3.0 freeze_meeting: NP-15	WG (prime / other): N3 / -	rapporteur: KLEHN, Norbert	SIEMENS AG			
	history (event, available, version, NP-14 16/01/2002 5 . 0 . 0 NP-18 06/01/2003 5 . 1 . 0 NP-19 27/03/2003 5 . 2 . 0 NP-20 5 . 3 . 0	G: yes U: yes	MCC: BOSWARTHICK, David				
		get it	remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link				
		get it	remarks - this release: . Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)				
		get it					
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3						
Rel-5	current version: 5.1.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)			
	history (event, available, version, NP-15 28/03/2002 5 . 0 . 0 NP-16 21/06/2002 5 . 1 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo				
		get it	remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.				
		get it	remarks - this release: .				

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TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 24/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.072	Call Deflection Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 24/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-15 28/03/2002 5 . 0 . 0					
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - general:</i>			
	NP-17 18/09/2002 5 . 2 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 24/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.082	Call Forwarding supplementary service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 25/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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						Server	ACTIVE specs	Rel-5	24 .- series
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD			
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD			
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					
TS 24.087	User-to-User Signalling (UUS); Stage 3								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					

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

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TS 24.088	Call Barring (CB) Supplementary Service; Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.096	Name Identification Supplementary Service; Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 25/06/2002 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		

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

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TS 24.135 Multicall supplementary service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.228 Signalling flows for the IP multimedia call control based on SIP and SDP; Stage 3

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* KISS, Krisztian NOKIA Corporation
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-10 05/01/2001 0 . 1 . 0 N1-001114->1378 (NP-000683) [get it](#) *remarks - general:*
draft 26/03/2001 0 . 4 . 0 [get it](#) *remarks - this release:*
draft 18/04/2001 0 . 5 . 0 [get it](#)
draft 1 . 0 . 0 N1-17
NP-12 26/06/2001 1 . 0 . 0 NP-010278 [get it](#)
draft 26/06/2001 1 . 1 . 0 N1-010944 [get it](#)
draft 01/08/2001 1 . 2 . 0 N1-011230 [get it](#)
draft 11/09/2001 1 . 3 . 0 N1-011363 [get it](#)
draft 14/09/2001 1 . 4 . 0 N1-011364 [get it](#)
draft 05/10/2001 1 . 5 . 0 N1-011496 [get it](#)
draft 24/10/2001 1 . 6 . 0 N1-011706 [get it](#)
draft 19/11/2001 1 . 7 . 0 [get it](#)
NP-14 04/12/2001 1 . 8 . 0 NP-010641 [get it](#)
draft 22/01/2002 1 . 9 . 0 [get it](#)
draft 06/02/2002 1 . 10 . 0 [get it](#)
draft 26/02/2002 2 . 0 . 0 [get it](#)
draft 26/02/2002 2 . 0 . 1 [get it](#)
NP-15 19/03/2002 2 . 0 . 2 NP-020048 [get it](#)
NP-15 19/03/2002 5 . 0 . 0 not yet frozen [get it](#)
NP-16 16/07/2002 5 . 1 . 0 Enormous CRs to create this version;
take several man.weeks to accomplish [get it](#)
NP-17 17/09/2002 5 . 2 . 0 [get it](#)
NP-18 10/01/2003 5 . 3 . 0 [get it](#)
NP-19 24/03/2003 5 . 4 . 0 [get it](#)
NP-20 5 . 5 . 0

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

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Server ACTIVE specs Rel-5 24 .- series
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TS 24.229 IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3

Rel-5	current version: 5.5.0	WG (prime / other): N1 / -	rapporteur: DRAGE, Keith	Lucent Technologies Network Systems UK
	freeze_meeting: NP-16	G: yes U: yes	MCC: JORGENSEN, Per Johan	
history (event, available, version,				
NP-10	0 . 0 . 6			remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS.
NP-10 05/01/2001	0 . 0 . 7	N1-001115->1379 (NP-000684)	get it	remarks - this release:
draft 26/03/2001	0 . 1 . 0		get it	
draft 10/05/2001	0 . 2 . 0		get it	
draft 26/06/2001	0 . 3 . 0		get it	
draft 26/07/2001	0 . 4 . 0		get it	
draft 12/09/2001	0 . 5 . 0		get it	
draft 09/10/2001	0 . 6 . 0		get it	
draft 24/10/2001	0 . 7 . 0		get it	
draft 19/11/2001	0 . 8 . 0		get it	
NP-14 06/12/2001	1 . 0 . 0	NP-010642	get it	
draft 22/01/2002	1 . 1 . 0		get it	
draft 06/02/2002	1 . 2 . 0		get it	
draft 06/02/2002	1 . 2 . 1		get it	
draft 27/02/2002	2 . 0 . 0		get it	
NP-15 19/03/2002	2 . 0 . 2	NP-020049	get it	
NP-15 19/03/2002	5 . 0 . 0	not frozen	get it	
NP-16 28/06/2002	5 . 1 . 0	CR009 not implemented; expect further CR at NP-17 to remove it.	get it	
NP-17 17/09/2002	5 . 2 . 0		get it	
NP-18 20/12/2002	5 . 3 . 0		get it	
NP-19 24/03/2003	5 . 4 . 0		get it	
NP-20	5 . 5 . 0			

Rel-5 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

Rel-5 current version: 5.7.0

freeze_meeting: RP-15

history (event, available, version,

RP-13	03/10/2001	5	.	0	.	0
RP-14	14/01/2002	5	.	1	.	0
RP-15	29/03/2002	5	.	2	.	0
RP-16	01/07/2002	5	.	3	.	0
RP-17	04/10/2002	5	.	4	.	0
RP-18	10/01/2003	5	.	5	.	0
RP-19	04/04/2003	5	.	6	.	0
RP-20		5	.	7	.	0

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
[get it](#) remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.102 UTRA (UE) TDD; Radio transmission and reception

Rel-5 current version: 5.5.0

freeze_meeting: RP-15

history (event, available, version,

RP-15	29/03/2002	5	.	0	.	0
editor post RP-15	15/04/2002	5	.	0	.	1
RP-16	01/07/2002	5	.	1	.	0
RP-17	02/10/2002	5	.	2	.	0
RP-18	10/01/2003	5	.	3	.	0
RP-19	04/04/2003	5	.	4	.	0
RP-20		5	.	5	.	0

Fixes change history table entry.

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
[get it](#) remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.104 UTRA (BS) FDD; Radio transmission and reception

Rel-5 current version: 5.7.0

freeze_meeting: RP-15

history (event, available, version,

RP-13	03/10/2001	5	.	0	.	0
RP-14	14/01/2002	5	.	1	.	0
RP-15	29/03/2002	5	.	2	.	0
RP-16	01/07/2002	5	.	3	.	0
RP-17	02/10/2002	5	.	4	.	0
RP-18	10/01/2003	5	.	5	.	0
RP-19	04/04/2003	5	.	6	.	0
RP-20		5	.	7	.	0

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
[get it](#) remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.105 UTRA (BS) TDD: Radio transmission and reception

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	29/03/2002	5	.	0	.	0
RP-16	01/07/2002	5	.	1	.	0
RP-17	02/10/2002	5	.	2	.	0
RP-18	10/01/2003	5	.	3	.	0
RP-19	04/04/2003	5	.	4	.	0

WG (prime / other): R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 01/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0
RP-20 5 . 5 . 0

WG (prime / other): R4 / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
One

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15

history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0
edito 19/04/2002 5 . 0 . 1
RP-16 01/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0

WG (prime / other): R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.123 Requirements for support of radio resource management (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 03/07/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 10/10/2002 5 . 2 . 0 [get it](#)
RP-18 10/01/2003 5 . 3 . 0 [get it](#)
RP-19 04/04/2003 5 . 4 . 0 [get it](#)
RP-20 5 . 5 . 0

TS 25.133 Requirements for support of radio resource management (FDD)

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-13 10/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 17/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 29/03/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)
RP-17 04/10/2002 5 . 4 . 0 [get it](#)
RP-18 10/01/2003 5 . 5 . 0 [get it](#)
RP-19 04/04/2003 5 . 6 . 0 [get it](#)
RP-20 5 . 7 . 0

TS 25.141 Base station conformance testing (FDD)

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-13 03/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 16/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 02/04/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)
edito post RP-16 19/07/2002 5 . 3 . 1 eliminate duplicate clause numbers [get it](#)
RP-17 04/10/2002 5 . 4 . 0 [get it](#)
RP-18 10/01/2003 5 . 5 . 0 [get it](#)
RP-19 04/04/2003 5 . 6 . 0 [get it](#)
RP-20 5 . 7 . 0

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base station conformance testing (TDD)

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	29/03/2002	5	.	0	.	0
RP-16	04/07/2002	5	.	1	.	0
RP-17	04/10/2002	5	.	2	.	0
RP-18	10/01/2003	5	.	3	.	0
RP-19	04/04/2003	5	.	4	.	0
RP-20		5	.	5	.	0

WG (prime / other): R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 25.143 UTRA repeater; Conformance testing

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	19/03/2002	5	.	0	.	0
RP-16	03/07/2002	5	.	1	.	0
RP-17	02/10/2002	5	.	2	.	0
RP-18	10/01/2003	5	.	3	.	0
RP-19	04/04/2003	5	.	4	.	0
RP-20		5	.	5	.	0

WG (prime / other): R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - Mikrotechnik zur Kommunikation
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 25.201 Physical layer - general description

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	29/03/2002	5	.	0	.	0
RP-16	28/06/2002	5	.	1	.	0
RP-17	27/09/2002	5	.	2	.	0

WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
<i>history (event, available, version,</i>						
RP-15	29/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
RP-16	28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
RP-17	27/09/2002	5 . 2 . 0	get it			
RP-18	07/01/2003	5 . 3 . 0	get it			
RP-20		5 . 4 . 0				

TS 25.212	Multiplexing and channel coding (FDD)					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
<i>history (event, available, version,</i>						
RP-15	29/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
RP-16	28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
RP-17	27/09/2002	5 . 2 . 0	get it			
RP-18	07/01/2003	5 . 3 . 0	get it			
RP-19	04/04/2003	5 . 4 . 0	get it			
RP-20		5 . 5 . 0				

TS 25.213	Spreading and modulation (FDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
<i>history (event, available, version,</i>						
RP-15	29/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
RP-16	28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
RP-17	27/09/2002	5 . 2 . 0	get it			
RP-19	04/04/2003	5 . 3 . 0	get it			

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.214 Physical layer procedures (FDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-19 04/04/2003 5 . 4 . 0 [get it](#)
RP-20 5 . 5 . 0

TS 25.215 Physical layer; Measurements (FDD)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-17 27/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 07/01/2003 5 . 2 . 0 [get it](#)
RP-19 04/04/2003 5 . 3 . 0 [get it](#)
RP-20 5 . 4 . 0

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-19 04/04/2003 5 . 4 . 0 [get it](#)
RP-20 5 . 5 . 0

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

history (event, available, version,

RP-15 29/03/2002 5 . 0 . 0

RP-16 28/06/2002 5 . 1 . 0

RP-17 27/09/2002 5 . 2 . 0

editorial to correct 22/10/2002 5 . 2 . 1

clause numbers

RP-18 07/01/2003 5 . 3 . 0

RP-19 04/04/2003 5 . 4 . 0

RP-20 5 . 5 . 0

WG (prime / other): R1 / - *rapporteur:* KAHTAVA, Jussi
G: *U:* yes *MCC:* SASAKI, Tsukasa

Nokia Japan Co. Ltd

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 25.223 Spreading and modulation (TDD)

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

history (event, available, version,

RP-15 29/03/2002 5 . 0 . 0

RP-16 28/06/2002 5 . 1 . 0

RP-18 07/01/2003 5 . 2 . 0

RP-19 04/04/2003 5 . 3 . 0

WG (prime / other): R1 / - *rapporteur:* VACANT,
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

history (event, available, version,

RP-15 29/03/2002 5 . 0 . 0

RP-16 28/06/2002 5 . 1 . 0

RP-17 27/09/2002 5 . 2 . 0

editorial to correct 22/10/2002 5 . 2 . 1

clause numbers

RP-18 07/01/2003 5 . 3 . 0

RP-19 04/04/2003 5 . 4 . 0

RP-20 5 . 5 . 0

WG (prime / other): R1 / - *rapporteur:* OESTREICH, Stefan
G: *U:* yes *MCC:* SASAKI, Tsukasa

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.225	Physical layer; Measurements (TDD)						
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu		NEC Corporation	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 27/09/2002	5 . 2 . 0		get it			
	RP-18 07/01/2003	5 . 3 . 0		get it			
	RP-19 04/04/2003	5 . 4 . 0		get it			
	RP-20	5 . 5 . 0					
TS 25.301	Radio Interface Protocol Architecture						
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang		ERICSSON Eurolab Deutschland GmbH	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 17/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 18/09/2002	5 . 2 . 0		get it			
TS 25.302	Services provided by the physical layer						
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5?		
	RP-16 17/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 18/09/2002	5 . 2 . 0		get it			
	RP-18 20/12/2002	5 . 3 . 0		get it			
	RP-19 25/03/2003	5 . 4 . 0		get it			
	RP-20	5 . 5 . 0					
TS 25.303	Interlayer procedures in Connected Mode						
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J		Nokia Research Center	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 17/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAHKONEN, Marko	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-16 17/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	RP-18 08/01/2003	5 . 2 . 0	get it			
	RP-20	5 . 3 . 0				
<hr/>						
TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001	5 . 0 . 0	get it	<i>remarks - general:</i> Created from 25.923		
	RP-12 19/06/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-13 02/10/2001	5 . 2 . 0	get it			
	RP-14 04/01/2002	5 . 3 . 0	get it			
	RP-15 19/03/2002	5 . 4 . 0	get it			
	RP-19 25/03/2003	5 . 5 . 0	get it			
	RP-20	5 . 6 . 0				
<hr/>						
TS 25.306	UE Radio Access capabilities definition					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.		
	RP-16 17/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	RP-17 18/09/2002	5 . 2 . 0	get it			
	RP-18 08/01/2003	5 . 3 . 0	get it			
	RP-19 25/03/2003	5 . 4 . 0	get it			
	RP-20	5 . 5 . 0				

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0

[get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling
remarks - this release: Expect continual updates each time a new band is allowed. requirements, R4 = RF &

RMM requirements.

TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-13 01/10/2001 0 . 1 . 0 RP-010643 for approval
RP-13 02/10/2001 5 . 0 . 0
RP-14 04/01/2002 5 . 1 . 0
RP-15 21/03/2002 5 . 2 . 0
RP-18 14/01/2003 5 . 3 . 0
RP-19 25/03/2003 5 . 4 . 0

[get it](#) *remarks - general:* TS created from entrails of TR 25.855.
[get it](#) *remarks - this release:* .

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R2 / - *rapporteur:* NEMETHOVA, Olivia SIEMENS AG
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0
RP-16 17/06/2002 5 . 1 . 0
RP-17 18/09/2002 5 . 2 . 0
RP-18 08/01/2003 5 . 3 . 0
RP-19 25/03/2003 5 . 4 . 0
RP-20 5 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	19/03/2002	5	.	0	.	0
RP-16	17/06/2002	5	.	1	.	0
RP-17	19/09/2002	5	.	2	.	0
RP-18	10/01/2003	5	.	3	.	0
RP-19	25/03/2003	5	.	4	.	0
RP-20		5	.	5	.	0

WG (prime / other): R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	19/03/2002	5	.	0	.	0
RP-16	17/06/2002	5	.	1	.	0
RP-17	18/09/2002	5	.	2	.	0

WG (prime / other): R2 / - *rapporteur:* HANS, Martin SIEMENS AG
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5 *current version:* 5.3.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	19/03/2002	5	.	0	.	0
RP-16	17/06/2002	5	.	1	.	0
RP-18	13/01/2003	5	.	2	.	0
RP-19	25/03/2003	5	.	3	.	0

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	04/04/2002	5	.	0	.	0
RP-16	21/06/2002	5	.	1	.	0
RP-17	01/10/2002	5	.	2	.	0
RP-18	03/02/2003	5	.	3	.	0
RP-20		5	.	4	.	0
RP-19	27/03/2003	5	.	4	.	0
RP-20		5	.	5	.	0

WG (prime / other): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 25.401 UTRAN overall description

Rel-5 *current version:* 5.6.0
freeze_meeting: RP-15
history (event, available, version,

RP-12	06/07/2001	5	.	0	.	0
RP-13	12/10/2001	5	.	1	.	0
RP-15	02/04/2002	5	.	2	.	0
RP-16	28/06/2002	5	.	3	.	0
RP-17	30/09/2002	5	.	4	.	0
RP-18	03/01/2003	5	.	5	.	0
RP-20		5	.	6	.	0

WG (prime / other): R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:* Approval at TSG#5
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TS 25.402 Synchronisation in UTRAN Stage 2

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	02/04/2002	5	.	0	.	0
RP-16	28/06/2002	5	.	1	.	0
RP-20		5	.	2	.	0

WG (prime / other): R3 / - *rapporteur:* PIOLINI, Flavio Indicate persons who left Company and wait for new One
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:* New
[get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-5 *current version:* 5.3.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 25/03/2002 5 . 0 . 0
RP-16 28/06/2002 5 . 1 . 0
RP-17 30/09/2002 5 . 2 . 0
RP-18 03/01/2003 5 . 3 . 0

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mmO2 plc
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:* Approval at TSG#5
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 25.411 UTRAN Iu interface layer 1

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 25/03/2002 5 . 0 . 0
RP-15 25/03/2002 5 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 25.411 UTRAN Iu interface layer 1

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 25/03/2002 5 . 0 . 0
RP-15 25/03/2002 5 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 25.412 UTRAN Iu interface signalling transport

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 25/03/2002 5 . 0 . 0
RP-17 30/09/2002 5 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	JUSSILA, Jyrki	NOKIA Corporation
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-16 05/07/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	RP-17 11/10/2002	5 . 2 . 0		get it		
	RP-18 03/01/2003	5 . 3 . 0		get it		
	RP-19 26/03/2003	5 . 4 . 0		get it		
	RP-20	5 . 5 . 0				

TS 25.414	UTRAN Iu interface data transport & transport signalling					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	COMSTOCK, David	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	RP-17 30/09/2002	5 . 2 . 0		get it		
	RP-18 03/01/2003	5 . 3 . 0		get it		
	RP-19 26/03/2003	5 . 4 . 0		get it		

TS 25.415	UTRAN Iu interface user plane protocols					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	MAUPIN, Alain	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	RP-17 30/09/2002	5 . 2 . 0		get it		
	RP-18 03/01/2003	5 . 3 . 0		get it		

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-5	current version: 5.4.0	WG (prime / other):	R3 / -	rapporteur:	TAYLOR, Carolyn	MOTOROLA Ltd
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
	TP-15 25/03/2002			get it	remarks - general:	
	RP-16 28/06/2002			get it	remarks - this release: .	
	RP-17 03/10/2002			get it		
	RP-19 26/03/2003			get it		
	RP-20					
	5 . 0 . 0					
	5 . 1 . 0					
	5 . 2 . 0					
	5 . 3 . 0					
	5 . 4 . 0					
<hr/>						
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
	RP-15 02/04/2002			get it	remarks - general:	
	RP-17 03/10/2002			get it	remarks - this release: .	
	5 . 0 . 0					
	5 . 1 . 0					
<hr/>						
TS 25.421	UTRAN Iur interface Layer 1					
Rel-5	current version: 5.0.0	WG (prime / other):	R3 / -	rapporteur:	BRANDT, Achim V.	SIEMENS AG
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
	TP-15 25/03/2002			get it	remarks - general:	
	5 . 0 . 0				remarks - this release: .	
<hr/>						
TS 25.422	UTRAN Iur interface signalling transport					
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
	RP-15 02/04/2002			get it	remarks - general:	
	RP-17 03/10/2002			get it	remarks - this release: .	
	5 . 0 . 0					
	5 . 1 . 0					
<hr/>						

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling						
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RUNE, Göran	Ericsson AB			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16 19/07/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
PCG post	RP-16 06/08/2002 5 . 2 . 0	get it					CRs needs PCG approval. One CR endorsed by PCG
	RP-17 11/10/2002 5 . 3 . 0	get it					
	RP-18 03/01/2003 5 . 4 . 0	get it					
	RP-19 31/03/2003 5 . 5 . 0	get it					
	RP-20 5 . 6 . 0						
<hr/>							
TS 25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams						
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	RP-17 03/10/2002 5 . 2 . 0	get it					
	RP-18 03/01/2003 5 . 3 . 0	get it					
	RP-19 26/03/2003 5 . 4 . 0	get it					
	RP-20 5 . 5 . 0						
<hr/>							
TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KEKKI, Sami	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	RP-17 03/10/2002 5 . 2 . 0	get it					

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-18 03/01/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 25.430	UTRAN Iub Interface: General Aspects and Principles						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> WILSON, Mick	FUJITSU Laboratories of Europe Limited			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	edito post RP-15 5 . 0 . 1 not produced		<i>remarks - this release:</i> .				
	RP-16 28/06/2002 5 . 1 . 0 To include CR029r2 from RP-15 which	get it					
				was forgotten in v5.0.0.			
	RP-17 03/10/2002 5 . 2 . 0	get it					
<hr/>							
TS 25.431	UTRAN Iub interface Layer 1						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
TS 25.432	UTRAN Iub interface: signalling transport						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> WILSON, Mick	FUJITSU Laboratories of Europe Limited			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	edito post RP-15 03/04/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .				
	RP-17 03/10/2002 5 . 1 . 0	get it					

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.433	UTRAN lub interface NBAP signalling						
Rel-5	current version: 5.5.0		WG (prime / other): R3 / -	rapporteur: ISHIKAWA, Nobutaka	NTT DoCoMo Inc		
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,						
	RP-15 04/04/2002	5 . 0 . 0		get it	remarks - general:		
	RP-16 19/07/2002	5 . 1 . 0		get it	remarks - this release: .		
	RP-17 11/10/2002	5 . 2 . 0		get it			
	RP-18 03/01/2003	5 . 3 . 0		get it			
	RP-19 31/03/2003	5 . 4 . 0		get it			
	RP-20	5 . 5 . 0					

TS 25.434	UTRAN lub interface data transport & transport signalling for CCH data streams						
Rel-5	current version: 5.1.0		WG (prime / other): R3 / -	rapporteur: ALDEN, Magnus	TeliaSonera AB		
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,						
	RP-15 02/04/2002	5 . 0 . 0		get it	remarks - general:		
	RP-16 28/06/2002	5 . 1 . 0		get it	remarks - this release: .		

TS 25.435	UTRAN lub interface user plane protocols for CCH data streams						
Rel-5	current version: 5.5.0		WG (prime / other): R3 / -	rapporteur: CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,						
	RP-15 02/04/2002	5 . 0 . 0		get it	remarks - general:		
	RP-16 28/06/2002	5 . 1 . 0		get it	remarks - this release: .		
	RP-17 03/10/2002	5 . 2 . 0		get it			
	RP-18 03/01/2003	5 . 3 . 0		get it			
	RP-19 26/03/2003	5 . 4 . 0		get it			
	RP-20	5 . 5 . 0					

TS 25.442	UTRAN implementation-specific O&M transport						
Rel-5	current version: 5.1.0		WG (prime / other): R3 / -	rapporteur: RECKER, Stephan	Indicate persons who left Company and wait for new One		
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,						
	RP-15 28/03/2002	5 . 0 . 0		get it	remarks - general:		
	edito post RP-15	5 . 0 . 1 (not supplied - use v5.0.0)			remarks - this release: .		
	RP-17 03/10/2002	5 . 1 . 0		get it			

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

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.450 UTRAN lupc interface general aspects and principles

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-12 2 . 0 . 0 RP-010400 *remarks - general:*
RP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
RP-14 11/01/2002 5 . 1 . 0 [get it](#)

TS 25.451 UTRAN lupc interface layer 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-12 2 . 0 . 0 RP-010401 *remarks - general:*
RP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
correction to 24/04/2002 5 . 0 . 1 [get it](#)
history table

TS 25.452 UTRAN lupc interface: signalling transport

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-13 26/09/2001 2 . 0 . 0 RP-010640 [get it](#) *remarks - general:*
RP-13 12/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .

TS 25.453 UTRAN lupc interface Positioning Calculation Application Part (PCAP) signalling

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-12 2 . 0 . 0 RP-010402 *remarks - general:*
RP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
RP-13 12/10/2001 5 . 1 . 0 [get it](#)
RP-14 11/01/2002 5 . 2 . 0 [get it](#)
RP-15 25/03/2002 5 . 3 . 0 [get it](#)
RP-16 28/06/2002 5 . 4 . 0 [get it](#)
RP-19 26/03/2003 5 . 5 . 0 [get it](#)
RP-20 5 . 6 . 0

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Server ACTIVE specs Rel-5 25 .- series
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TR 25.854	Uplink Synchronous Transmission Scheme (USTS)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Duk Kyung	SK TELECOM		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>					
	RP-13 01/10/2001 1 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-11 05/04/2001 1 . 0 . 0		get it	<i>remarks - this release:</i>		
	RP-14 02/01/2002 2 . 0 . 0		get it			
	RP-14 11/01/2002 5 . 0 . 0		get it			
TR 25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> GHOSH, Amitabha	Motorola Inc.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>					
	RP-14 02/01/2002 1 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-15 04/04/2002 2 . 0 . 0		get it	<i>remarks - this release:</i> .		
	RP-15 29/03/2002 5 . 0 . 0		get it			
TR 25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude	One		
	<i>history (event, available, version,</i>					
	draft 0 . 0 . 0			<i>remarks - general:</i>		
	draft 04/09/2001 0 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-13 02/10/2001 1 . 0 . 1		get it			
	RP-15 19/03/2002 2 . 0 . 0		get it			
	RP-15 19/03/2002 2 . 0 . 1		get it			
	RP-15 19/03/2002 5 . 0 . 0		get it			
TR 25.860	Radio acces bearer support enhancements					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002 1 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 25/06/2002 2 . 0 . 0		get it	<i>remarks - this release:</i> .		
	RP-16 17/06/2002 5 . 0 . 0		get it			

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TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks								
Rel-5	current version: 1.0.0	DRAFT	WG (prime / other):	R4 /	rapporteur:	MATARASSO, Carlo	TEKMAR Sistemi Srl		
	freeze_meeting: RP-15		G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar			
history (event, available, version,	RP-14 02/01/2002	1 . 0 . 0						get it	remarks - general: remarks - this release: .
		RP-010794							
<hr/>									
TR 25.868	Node B synchronization for 1,28 Mcps TDD								
Rel-5	current version: 5.0.1		WG (prime / other):	R1 / -	rapporteur:	HU, Jinling	CATT		
	freeze_meeting: RP-15		G:	U: yes	MCC:	SASAKI, Tsukasa			
history (event, available, version,	RP-13 01/10/2001	1 . 0 . 0						get it	remarks - general:
	RP-14 02/01/2002	1 . 1 . 0						get it	remarks - this release: .
	RP-15 19/03/2002	1 . 1 . 1						get it	
	RP-15 29/03/2002	5 . 0 . 0						get it	
post RP-15	15/04/2002	5 . 0 . 1						get it	
editorial									
<hr/>									
TR 25.870	Enhancement on the DSCH Hard Split mode								
Rel-5	current version: 5.0.0		WG (prime / other):	R1 /	rapporteur:	KIM, Jaeyoel	Samsung Electronics Ind. Co., Ltd.		
	freeze_meeting: RP-15		G:	U: yes	MCC:	SASAKI, Tsukasa			
history (event, available, version,	RP-12 28/06/2001	0 . 1 . 0						get it	remarks - general:
	draft 14/09/2001	1 . 0 . 0						get it	remarks - this release: .
	RP-14 02/01/2002	1 . 1 . 0						get it	
	RP-15 19/03/2002	2 . 0 . 0						get it	
	RP-15 29/03/2002	5 . 0 . 0						get it	
<hr/>									
TR 25.875	NAS node selector function								
Rel-5	current version: 5.0.0		WG (prime / other):	R3 /	rapporteur:	MCWILLIAMS, Brendan	VODAFONE Group Plc		
	freeze_meeting: RP-15		G:	U: yes	MCC:	KRAUSE, Joern			
history (event, available, version,	RP-11 06/04/2001	0 . 0 . 1						get it	remarks - general:
	RP-14 02/01/2002	1 . 0 . 0						get it	remarks - this release:
	RP-15 19/03/2002	2 . 0 . 0						get it	
	RP-15 25/03/2002	5 . 0 . 0						get it	

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TR 25.876	Multiple-Input Multiple-Output Antennae								
Rel-5	current version: 1.1.0	DRAFT	WG (prime / other): R1 /	rapporteur: HUANG, Howard	Lucent Technologies				
	freeze_meeting: RP-15		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version,								
	RP-14 02/01/2002	1 . 0 . 0	RP-010796	get it	remarks - general:	RP-20: reference to HSDPA removed from title			
	RP-15 31/07/2002	1 . 1 . 0	RP-020240	get it	remarks - this release:	.			
<hr/>									
TR 25.877	High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects								
Rel-5	current version: 5.1.0		WG (prime / other): R3 /	rapporteur: DIESEN, Michael	MOTOROLA Ltd				
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version,								
	draft 12/10/2001	0 . 1 . 0		get it	remarks - general:				
	draft 07/11/2001	0 . 2 . 2		get it	remarks - this release:	.			
	draft 02/01/2002	0 . 3 . 1		get it					
	RP-15 28/02/2002	1 . 0 . 0	R3-020891 = RP-020157	get it					
	RP-15 28/02/2002	2 . 0 . 0	R3-020892 = RP-020158	get it					
	RP-15 25/03/2002	5 . 0 . 0		get it					
	RP-16 28/06/2002	5 . 1 . 0		get it					
<hr/>									
TR 25.878	RL timing adjustment								
Rel-5	current version: 5.1.0		WG (prime / other): R3 /	rapporteur: VOLTOLINA, Elena Eva	Telefon AB LM Ericsson				
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version,								
	R3-23 11/01/2002	0 . 2 . 0	awaiting input from RAN1 & RAN2.	get it	remarks - general:				
	RP-15 19/03/2002	1 . 0 . 0	RP-020139	get it	remarks - this release:	.			
	RP-15 19/03/2002	2 . 0 . 0	RP-020140	get it					
	RP-15 25/03/2002	5 . 0 . 0		get it					
	RP-16 28/06/2002	5 . 1 . 0		get it					

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Server ACTIVE specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.879 Separation of resource reservation and radio link activation

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:*
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
R3-23 0 . 2 . 0 Status report in RP-010608. *remarks - general:*
draft 03/12/2001 0 . 3 . 0 [get it](#) *remarks - this release:* .
draft 03/12/2001 0 . 3 . 1 [get it](#)
RP-15 19/03/2002 1 . 0 . 0 RP-020142 [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020143 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)

TS 25.880 Re-arrangement of lub transport bearers

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* ISOKANGAS, Jari NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* 2003-01: title changed from "Traffic termination point swapping" some time ago.
R3-21 0 . 0 . 2 *remarks - this release:* .
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 11/01/2002 0 . 3 . 0 [get it](#)
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 19/03/2002 1 . 0 . 0 RP-020145 [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020146 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)

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Server ACTIVE specs Rel-5 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	WG (prime / other):	R3 /	rapporteur:	HWANG, Woonhee	NOKIA Corporation	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
history (event, available, version,							
R3-23	0 . 2 . 0	Status report in RP-010611		remarks - general:			
draft	0 . 4 . 0			remarks - this release: .			
draft	0 . 4 . 1	04/12/2001					
RP-14 02/01/2002	1 . 0 . 0	RP-010922	get it				
RP-14 02/01/2002	2 . 0 . 0	RP-010923	get it				
RP-14 09/01/2002	5 . 0 . 0		get it				

TR 25.882	1,28 Mcps TDD option base station classification						
Rel-5	current version: 5.0.0	WG (prime / other):	R4 /	rapporteur:	MEYER, Juergen	SIEMENS AG	
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar		
history (event, available, version,							
RP-13 01/10/2001	1 . 0 . 0	RP-010645	get it	remarks - general:			
RP-14 02/01/2002	1 . 1 . 0	RP-010810	get it	remarks - this release: .			
RP-16 25/06/2002	2 . 0 . 0	RP-020353	get it				
RP-16 03/07/2002	5 . 0 . 0		get it				

TR 25.883	Direct Transport Bearers Between SRNC and Node-B						
Rel-5	current version: 5.0.0	WG (prime / other):	R3 /	rapporteur:	VAN LIESHOUT,	ERICSSON EUROLAB NETHERLANDS BV	
	freeze_meeting: RP-16	G:	U: yes	MCC:	Gert-Jan KRAUSE, Joern		
history (event, available, version,							
draft 03/12/2001	0 . 2 . 0		get it	remarks - general:			
RP-16 25/06/2002	1 . 0 . 0	RP-020392	get it	remarks - this release: .			
RP-16 25/06/2002	2 . 0 . 0	RP-020393	get it				
RP-16 25/06/2002	2 . 0 . 1	RP-020452	get it				
RP-16 28/06/2002	5 . 0 . 0		get it				

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Server ACTIVE specs Rel-5 25 .- series
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TR 25.884 Iur Neighbouring cell reporting efficiency optimisation

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* VOLTOLINA, Elena Eva Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
referred to at 11/01/2002 0 . 1 . 0 Status report in RP-010606 [get it](#) *remarks - general:* Previous rapporteur: Shahrokh Amirjoo.
RP-13 *remarks - this release:* .
RP-15 19/03/2002 1 . 0 . 0 RP-020152 [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020153 [get it](#)
RP-15 02/04/2002 5 . 0 . 0 [get it](#)

TR 25.890 High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* R4 / *rapporteur:* FERNANDES, Edgar MOTOROLA A/S
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
RP-16 26/06/2002 1 . 0 . 0 RP-020376 [get it](#) *remarks - this release:* .

TR 25.921 Guidelines and principles for protocol description and error handling

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-18 13/01/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .

TR 25.922 Radio Resource Management Strategies

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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TR 25.933	IP transport in UTRAN				
Rel-5	<i>current version:</i> 5.3.0	WG (prime / other):	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas ALCATEL S.A.
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern
	<i>history (event, available, version,</i>				
	RP-15 28/03/2002			get it	<i>remarks - general:</i>
	RP-16 28/06/2002			get it	<i>remarks - this release:</i> 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
	RP-17 03/10/2002			get it	
	RP-20				
	5 . 0 . 0				
	5 . 1 . 0				
	5 . 2 . 0				
	5 . 3 . 0				
TR 25.942	RF system scenarios				
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R4 / -	<i>rapporteur:</i>	BENABDALLAH, Nadia Vodafone Omnitel N.V
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version,</i>				
	RP-15 02/04/2002			get it	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.
	RP-16 03/07/2002			get it	<i>remarks - this release:</i> .
	5 . 0 . 0				
	5 . 1 . 0				
TR 25.943	Deployment aspects				
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R4 / -	<i>rapporteur:</i>	SKÖLD, Johan Telefon AB LM Ericsson
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version,</i>				
	RP-15 02/04/2002			get it	<i>remarks - general:</i>
	edito 03/05/2002			get it	<i>remarks - this release:</i> .
	RP-16 03/07/2002			get it	
	5 . 0 . 0				
	5 . 0 . 1				
	5 . 1 . 0				
TR 25.945	RF requirements for low chip rate TDD option				
Rel-5	<i>current version:</i> 5.0.0	WG (prime / other):	R4 / -	<i>rapporteur:</i>	ZHANG, Daijun CATT
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version,</i>				
	RP-15 02/04/2002			get it	<i>remarks - general:</i>
	5 . 0 . 0				<i>remarks - this release:</i> .

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TR 25.952	Base Station classification (TDD)				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> AXNESS, Timothy	INTERDIGITAL COMMUNICATIONS	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>				
	RP-12 2 . 0 . 0			<i>remarks - general:</i>	
	RP-12 29/06/2001 5 . 0 . 0			<i>remarks - this release:</i> promoted from Rel-4 at RP-12.	
	RP-16 03/07/2002 5 . 1 . 0			get it	
	RP-19 04/04/2003 5 . 2 . 0			get it	
	RP-010457				
<hr/>					
TR 25.956	UTRA repeater: Planning guidelines and system analysis				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GARCIA LOPEZ, Lorena	TELEFONICA DE ESPAÑA SA	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>				
	RP-15 02/04/2002 5 . 0 . 0			<i>remarks - general:</i> .	
				<i>remarks - this release:</i> .	
				get it	
<hr/>					
TR 25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MOSHAVI, Shimon	INTEL CORPORATION SARL	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>				
	RP-14 02/01/2002 1 . 0 . 0			<i>remarks - general:</i>	
	RP-15 19/03/2002 2 . 0 . 0			<i>remarks - this release:</i> .	
	RP-15 02/04/2002 5 . 0 . 0			get it	
	RP-18 10/01/2003 5 . 1 . 0			get it	
	RP-010892				
	RP-020121				
<hr/>					
TR 25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</i>				
	RP-18 13/01/2003 5 . 0 . 0			<i>remarks - general:</i>	
				<i>remarks - this release:</i> Pointer to latest release version.	
				get it	

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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	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R2 / R1,	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15		R3, R4						
			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude			
<i>history (event, available, version,</i>									
RP-18	06/01/2003	0 . 0 . 0	get it	<i>remarks - general:</i>	RP-20: Primary responsibility moved from RP to R2.				
				<i>remarks - this release:</i>	.				

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 specification								
Rel-5	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> R2 / R1,	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15		R3, R4						
			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude			
<i>history (event, available, version,</i>									
draft		0 . 0 . 1		<i>remarks - general:</i>	RP-20: Primary responsibility moved from RP to R2.				
				<i>remarks - this release:</i>	.				

Rel-5 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071	AMR speech Codec; General description								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-16		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>									
SP-16	28/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4				
				<i>remarks - this release:</i>	.				

TS 26.073	AMR speech Codec; C-source code								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-16		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>									
SP-16	28/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
SP-19	04/04/2003	5 . 1 . 0	get it	<i>remarks - this release:</i>	.				

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http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.074	AMR speech Codec; Test sequences					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.090	AMR speech Codec; Transcoding Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.091	AMR speech Codec; Error concealment of lost frames					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-17 24/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-18 03/01/2003 5 . 2 . 0	get it				

TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-18 03/01/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-19 04/04/2003 5 . 2 . 0	get it				

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TS 26.103	Speech codec list for GSM and UMTS					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HELLWIG, Karl	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it		<i>remarks - general:</i>	New after TSG#5	
	SP-15 28/03/2002 5 . 1 . 0	get it		<i>remarks - this release:</i>		
	SP-16 28/06/2002 5 . 2 . 0	get it				
	SP-17 24/09/2002 5 . 3 . 0	get it				
	SP-18 03/01/2003 5 . 4 . 0	get it				

TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it		<i>remarks - general:</i>		
	SP-19 04/04/2003 5 . 1 . 0	get it		<i>remarks - this release:</i>	.	
	SP-20 5 . 2 . 0					

TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	

TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it		<i>remarks - general:</i>	CR at TSG#5	
	SP-20 5 . 1 . 0			<i>remarks - this release:</i>	.	

TS 26.115	Echo control for speech and multi-media services					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-16	G: U: yes		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	

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

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TS 26.131	Terminal acoustic characteristics for telephony; Requirements								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	GOETZ, Ian	TELLABS OPERATIONS INC.			
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001	5 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-13 02/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-17 24/09/2002	5 . 2 . 0		get it					
<hr/>									
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	GOETZ, Ian	TELLABS OPERATIONS INC.			
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001	5 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-13 02/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-15 28/03/2002	5 . 2 . 0		get it					
	SP-17 24/09/2002	5 . 3 . 0		get it					
<hr/>									
TS 26.140	Multimedia Messaging Service (MMS); Media formats and codes								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S4 / T2	<i>rapporteur:</i>	CASTAGNO, Roberto	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-14 02/01/2002	1 . 0 . 0	SP-010695	get it	<i>remarks - general:</i>				
	SP-15 19/03/2002	2 . 0 . 0	SP-020075	get it	<i>remarks - this release:</i>				
	SP-15 28/03/2002	5 . 0 . 0		get it					
	SP-16 28/06/2002	5 . 1 . 0		get it					
	SP-18 03/01/2003	5 . 2 . 0		get it					
<hr/>									
TS 26.171	AMR speech codec, wideband; General description								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-10	1 . 0 . 0			<i>remarks - general:</i>				
	SP-11 10/04/2001	5 . 0 . 0		get it	<i>remarks - this release:</i>				

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TS 26.173 ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec

Rel-5 *current version:* 5.7.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,

SP-11	10/04/2001	5	.	0	.	0	get it	<i>remarks - general:</i>	2001-10-01: added "G" flag.
SP-12	27/06/2001	5	.	1	.	0	get it	<i>remarks - this release:</i>	
edito	27/06/2001	5	.	1	.	1	get it		
SP-13	02/10/2001	5	.	2	.	0	get it		
SP-14	09/01/2002	5	.	3	.	0	get it		
SP-15	28/03/2002	5	.	4	.	0	get it		
SP-18	03/01/2003	5	.	5	.	0	get it		
SP-19	04/04/2003	5	.	6	.	0	get it		
SP-20		5	.	7	.	0			

TS 26.174 AMR speech codec, wideband; Test sequences

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,

SP-11	10/04/2001	5	.	0	.	0	get it	<i>remarks - general:</i>	
SP-12	27/06/2001	5	.	1	.	0	get it	<i>remarks - this release:</i>	
correction to test	12/11/2001	5	.	1	.	1	get it		
sequences									
SP-14	09/01/2002	5	.	2	.	0	get it		
SP-15	28/03/2002	5	.	3	.	0	get it		
SP-18	03/01/2003	5	.	4	.	0	get it		

TS 26.190 Mandatory Speech Codec speech processing functions AMR Wideband 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

history (event, available, version,

SP-11	10/04/2001	5	.	0	.	0	get it	<i>remarks - general:</i>	
SP-14	09/01/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	

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

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TS 26.191 AMR speech codec, wideband; Error concealment of lost frames
Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:*

TS 26.192 Mandatory Speech Codec speech processing functions AMR Wideband 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
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 26.193 AMR speech codec, wideband; Source Controlled Rate operation
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 26.194 Mandatory Speech Codec speech processing functions AMR Wideband 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
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 26.201 AMR speech codec, wideband; 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
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-5 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.202	AMR speech codec, wideband; Interface to lu and Uu					
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			
	history (event, available, version, draft	1 . 0 . 0			remarks - general:	
	SP-11 02/08/2001	2 . 0 . 0			remarks - this release:	SP-010091
	SP-11 10/04/2001	5 . 0 . 0			get it	
	SP-17 24/09/2002	5 . 1 . 0			get it	
<hr/>						
TS 26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec					
Rel-5	current version: 5.1.0	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			
	history (event, available, version, SP-14 02/01/2002	1 . 0 . 0			remarks - general:	SP-010693
	SP-15 19/03/2002	2 . 0 . 0			remarks - this release:	SP-020073
	SP-15 28/03/2002	5 . 0 . 0			get it	
	SP-19 04/04/2003	5 . 1 . 0			get it	
<hr/>						
TS 26.226	Global text telephony (GTT); Transport of text in the voice channel					
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			
	history (event, available, version, SP-11 10/04/2001	5 . 0 . 0			remarks - general:	SP-16: in "GERAN" set.
					remarks - this release:	TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4
<hr/>						
TS 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description					
Rel-5	current version: 5.0.1	WG (prime / other): S4 / -	rapporteur: HELLSTROM, Gunnar	Omnitor AB		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, SP-11 10/04/2001	5 . 0 . 0			remarks - general:	SP-16: in "GERAN" set.
	correct c-code 29/05/2001	5 . 0 . 1			remarks - this release:	TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4

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

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TS 26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnicor AB		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10 21/12/2000 1 . 0 . 0	get it	<i>remarks - general:</i> SP-16: in "GERAN" set.			
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-13 02/10/2001 5 . 1 . 0	get it				
	SP-15 28/03/2002 5 . 2 . 0	get it				

TS 26.233	End-to-end transparent streaming service; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TS 26.234	Transparent end-to-end transparent streaming service; Protocols and codecs					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-17 24/09/2002 5 . 2 . 0	get it				
	SP-18 03/01/2003 5 . 3 . 0	get it				
	SP-19 04/04/2003 5 . 4 . 0	get it				
	SP-20 5 . 5 . 0					

TS 26.235	Packet switched conversational multimedia applications; Default codecs					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi	Nokia Research Center		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-12 27/06/2001 5 . 0 . 0 based on v4.1.0	get it	<i>remarks - general:</i>			
	SP-15 28/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> SP-12: transferred to Rel-5.			

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TS 26.236	Packet switched conversational multimedia applications; Transport protocols								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi		Nokia Research Center			
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-14 02/01/2002	1 . 0 . 0	SP-010694	get it	<i>remarks - general:</i>				
	SP-15 19/03/2002	2 . 0 . 0	SP-020074	get it	<i>remarks - this release:</i> .				
	SP-15 28/03/2002	5 . 0 . 0		get it					
	SP-18 03/01/2003	5 . 1 . 0		get it					
	SP-19 04/04/2003	5 . 2 . 0		get it					
	SP-20	5 . 3 . 0							
<hr/>									
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri		Nokia Research Center			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-19 04/04/2003	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
<hr/>									
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model								
Rel-5	<i>current version:</i> 1.5.0	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor		Nokia Telecommunications Inc.			
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	S4-19 16/01/2002	0 . 1 . 0	S4-010679	get it	<i>remarks - general:</i>				
	SP-18 03/01/2003	1 . 2 . 0	SP-020683	get it	<i>remarks - this release:</i> 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.				
	draft 04/04/2003	1 . 4 . 0		get it					
	S4-26	1 . 5 . 0	S4-030369						
<hr/>									
TR 26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Replaces 26.075. 2001-10-02: Also for GSM. <i>remarks - this release:</i> .				

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TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* Cf 26.975.
SP-12 27/06/2001 0 . 3 . 0 SP-010302 [get it](#) *remarks - this release:* .
SP-14 02/01/2002 0 . 6 . 0 SP-010692 [get it](#)
SP-17 24/09/2002 1 . 0 . 0 SP-020432 [get it](#)
SP-18 16/01/2003 2 . 0 . 0 SP-020682 [get it](#)
SP-18 03/01/2003 5 . 0 . 0 [get it](#)

Rel-5 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 24/06/2002 5 . 2 . 0 [get it](#)
NP-17 17/09/2002 5 . 3 . 0 [get it](#)
NP-18 09/01/2003 5 . 4 . 0 [get it](#)
NP-19 27/03/2003 5 . 5 . 0 [get it](#)
NP-20 5 . 6 . 0

TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Rel-5 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

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:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 25/06/2002 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

TS 27.007 AT command set for 3G User Equipment (UE)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-14 15/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-15 04/04/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-18 20/12/2002 5 . 2 . 0 [get it](#)
TP-19 31/03/2003 5 . 3 . 0 [get it](#)

TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 26/06/2002 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

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

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TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-14 11/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i> GPRS			
	NP-16 24/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-17 17/09/2002 5 . 2 . 0	get it				
	NP-18 09/01/2003 5 . 3 . 0	get it				
	NP-20 5 . 4 . 0					
<hr/>						
TS 27.103	Wide Area Network Synchronization					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHAU, Alan	NOKIA UK Ltd		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 27.901	Report on Terminal Interfaces - An Overview					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> TP-15	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<hr/>						
<p>Rel-5 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series</p>						
TS 28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SUERBAUM, Clemens	SIEMENS AG		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-17 24/09/2002 5 . 2 . 0	get it				
	SP-18 03/01/2003 5 . 3 . 0	get it				
<hr/>						

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

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http://www.3gpp.org/ftp/Specs/archive/28_series

Rel-5 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-14 18/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 04/04/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
NP-16 21/06/2002 5 . 2 . 0 [get it](#)
NP-17 24/09/2002 5 . 3 . 0 [get it](#)
NP-18 09/01/2003 5 . 4 . 0 [get it](#)
NP-19 04/04/2003 5 . 5 . 0 [get it](#)
NP-20 5 . 6 . 0

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:* 5.6.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
NP-16 28/06/2002 5 . 2 . 0 [get it](#)
NP-17 17/09/2002 5 . 3 . 0 [get it](#)
NP-18 09/01/2003 5 . 4 . 0 [get it](#)
NP-19 27/03/2003 5 . 5 . 0 [get it](#)
NP-20 5 . 6 . 0

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) 5.3.0WG *(prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo
TeliaSonera AB
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 21/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)
NP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*
NP-18 07/01/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.011 Signalling Interworking for Supplementary Services

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

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
freeze_meeting: NP-15
history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: .

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:* 5.4.0
freeze_meeting: NP-15
history (event, available, version,
NP-14 04/01/2002 5 . 0 . 0
NP-15 19/03/2002 5 . 1 . 0
NP-16 26/06/2002 5 . 2 . 0
NP-18 18/12/2002 5 . 3 . 0
NP-20 5 . 4 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-5 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	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB				
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-14 editorial 18/01/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .				
	NP-15 28/03/2002	5 . 1 . 0		get it					
	NP-16 21/06/2002	5 . 2 . 0		get it					
	NP-17 18/09/2002	5 . 3 . 0		get it					
	NP-18 07/01/2003	5 . 4 . 0		get it					
	NP-19 04/04/2003	5 . 5 . 0		get it					
	NP-20	5 . 6 . 0							
<hr/>									
TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)								
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd				
	<i>freeze_meeting:</i> NP-17		<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	NP-14 14/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the				
	NP-15 20/03/2002	5 . 1 . 0	NP-16: spec should not be considered	get it	<i>remarks - this release:</i> NP-16: some indications from N3 report that this spec should not be considered	Public			
	Land Mobile Network (PLMN) supporting GPRS and Packet".		as frozen; withdraw SDO publications?		frozen yet. So change freeze date from March 2002 to Sept 2002.				
	NP-16 02/07/2002	5 . 2 . 0		get it					
	edito post NP-16 25/07/2002	5 . 2 . 1		get it					
	NP-17 17/09/2002	5 . 3 . 0		get it					
	NP-18 09/01/2003	5 . 4 . 0		get it					
	NP-19 27/03/2003	5 . 5 . 0		get it					
	NP-20	5 . 6 . 0							
<hr/>									
TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> NP-16		<i>G: yes U: yes</i>	<i>MCC:</i> JURISIC, Andrijana					
	<i>history (event, available, version,</i>								
	NP-16 18/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	NP-17 17/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> Phase 4				
	NP-18 18/12/2002	5 . 2 . 0		get it					
	NP-19 25/03/2003	5 . 3 . 0		get it					
	NP-20	5 . 4 . 0							

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

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TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
<i>history (event, available, version,</i>							
	RP-15 25/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)			
	RP-16 28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-18 03/01/2003	5 . 2 . 0	get it				
	RP-19 26/03/2003	5 . 3 . 0	get it				

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited			
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>							
	NP-16 25/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
				<i>remarks - this release:</i> .			

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>							
	NP-16 25/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
				<i>remarks - this release:</i> .			

TS 29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.			
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>							
	NP-16 26/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 01/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	CN5#22 04/04/2003	5 . 1 . 1	get it				
(Introduction, Reference Titles)							
	NP-20	5 . 2 . 0					

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
add missing 09/10/2002 5 . 1 . 1 [get it](#)
attachments post
NP-17
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

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

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http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

TS 29.198-04- 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:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-15 27/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-16 26/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-17 01/10/2002 5 . 2 . 0 [get it](#)
NP-19 04/04/2003 5 . 3 . 0 [get it](#)

TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 5 . 3 . 0

TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)

TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 04/04/2003 5 . 2 . 0 [get it](#)

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

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Server 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 SCF

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
draft 29/01/2002 0 . 0 . 1 N5-020036 [get it](#) *remarks - general:*
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .
NP-16 31/05/2002 2 . 0 . 0 NP-020195 [get it](#)
NP-16 17/06/2002 5 . 0 . 0 [get it](#)
NP-17 01/10/2002 5 . 1 . 0 [get it](#)

TS 29.198-14 Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* VENKATESH, Guda Teltier Technologies
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*
NP-16 31/05/2002 2 . 0 . 0 NP-020196 [get it](#) *remarks - this release:* .
NP-16 17/06/2002 5 . 0 . 0 [get it](#)
NP-17 01/10/2002 5 . 1 . 0 [get it](#)
NP-20 5 . 2 . 0

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):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-18 07/01/2003 5 . 2 . 0 [get it](#)

TS 29.205 Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-20 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.207 Policy control over Go interface

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

draft	08/11/2001	0 . 2 . 0		get it	<i>remarks - general:</i> NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".
draft	14/01/2002	0 . 5 . 0		get it	<i>remarks - this release:</i> .
draft	18/02/2002	0 . 6 . 0		get it	
NP-15	19/03/2002	1 . 0 . 0	NP-020078	get it	
draft	18/04/2002	1 . 1 . 0		get it	
NP-16	26/06/2002	2 . 0 . 0	NP-020167 (RFC ref needs cleaning)	get it	
NP-16	28/06/2002	5 . 0 . 0		get it	
NP-17	19/09/2002	5 . 1 . 0		get it	
NP-18	14/01/2003	5 . 2 . 0		get it	
NP-19	27/03/2003	5 . 3 . 0		get it	
NP-20		5 . 4 . 0			

TS 29.208 End to end Quality of Service (QoS) signalling flows

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N3 / *rapporteur:* YOKOTA, Daisuke Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

draft	08/11/2001	0 . 1 . 0		get it	<i>remarks - general:</i>
draft	14/01/2002	0 . 2 . 0		get it	<i>remarks - this release:</i> .
draft	18/02/2002	0 . 3 . 1		get it	
NP-15	19/03/2002	1 . 0 . 0	NP-020079	get it	
draft	18/04/2002	1 . 1 . 0		get it	
NP-16	26/06/2002	2 . 0 . 0	NP-020166	get it	
NP-16	28/06/2002	5 . 0 . 0		get it	
NP-17	18/09/2002	5 . 1 . 0		get it	
NP-18	09/01/2003	5 . 2 . 0		get it	
NP-19	27/03/2003	5 . 3 . 0		get it	
ediotiral post	09/04/2003	5 . 3 . 1		get it	
NP-19					
NP-20		5 . 4 . 0			

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N4 / *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-12	04/07/2001	0	.	1	.	0	NP-010303
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	02/01/2002	1	.	0	.	0	NP-010627
draft	28/03/2002	1	.	1	.	0	
NP-16	25/06/2002	2	.	0	.	0	NP-020264
NP-16	25/06/2002	5	.	0	.	0	
NP-17	17/09/2002	5	.	1	.	0	
NP-18	07/01/2003	5	.	2	.	0	
NP-19	07/04/2003	5	.	3	.	0	
NP-20		5	.	4	.	0	

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remarks - general: Additional rapporteur: Miguel-Angel Pallares-Lopez

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

TS 29.229 Cx and Dx interfaces based on the Diameter protocol; Protocol details

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

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	02/01/2002	1	.	0	.	0	NP-010628
draft	28/03/2002	1	.	1	.	0	
NP-16	26/06/2002	2	.	0	.	0	NP-020265
NP-16	25/06/2002	5	.	0	.	0	
NP-17	18/09/2002	5	.	1	.	0	
NP-18	07/01/2003	5	.	2	.	0	
NP-19	07/04/2003	5	.	3	.	0	
NP-20		5	.	4	.	0	

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remarks - general: 2nd rapporteur: CZOMA, Balazs.

remarks - this release: .

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: NP-15

G: U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-14	11/01/2002	5	.	0	.	0
NP-14 editorial	18/01/2002	5	.	0	.	1
NP-15	28/03/2002	5	.	1	.	0
NP-16	21/06/2002	5	.	2	.	0
NP-17	18/09/2002	5	.	3	.	0
NP-18	07/01/2003	5	.	4	.	0
NP-19	04/04/2003	5	.	5	.	0
NP-20		5	.	6	.	0

[get it](#) *remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.IT

[get it](#) *remarks - this release:* .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 29.278 Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies
freeze_meeting: NP-18

G: yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version,

N2-25		0	.	1	.	0
NP-17	24/09/2002	2	.	0	.	0
NP-17	17/09/2002	5	.	0	.	0
NP-18	10/01/2003	5	.	1	.	0
NP-19	25/03/2003	5	.	2	.	0

remarks - general: NP-16 Existance hinted at in N2 report. Draft believed to have been seen at N2.

remarks - this release: TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.328 IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-16 26/06/2002 2 . 0 . 0 NP-020277 [get it](#) *remarks - general:*
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - this release:* .
NP-17 18/09/2002 5 . 1 . 0 [get it](#)
NP-18 07/01/2003 5 . 2 . 0 [get it](#)
edito to replace 08/01/2003 5 . 2 . 1 [get it](#)
lost annex E post
NP-18
NP-19 07/04/2003 5 . 3 . 0 [get it](#)
attached XSD file 25/04/2003 5 . 3 . 1 [get it](#)
attached correct 29/04/2003 5 . 3 . 2 Says WG Secretary: nobody's perfect [get it](#)
XSD file - except Bo Derek
NP-20 5 . 4 . 0

TS 29.329 Sh interface based on the Diameter protocol

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-16 26/06/2002 2 . 0 . 1 NP-020266 [get it](#) *remarks - general:*
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - this release:* .
NP-17 17/09/2002 5 . 1 . 0 [get it](#)
NP-18 07/01/2003 5 . 2 . 0 [get it](#)
NP-19 07/04/2003 5 . 3 . 0 [get it](#)
NP-20 5 . 4 . 0

TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: NP-15 *G: U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-15 20/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.415	Core network Nb interface user plane protocols								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-15 20/03/2002	5	.	0	.	0			
	NP-19 27/03/2003	5	.	1	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	
<hr/>									
TR 29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
		0	.	0	.	1			2001-03
	NP-12 04/07/2001	0	.	1	.	0			NP-010361
	N4-08	0	.	1	.	1			
	N4-09	0	.	2	.	0			
	N4-10	0	.	3	.	0			
	N4-10	0	.	3	.	1			
	NP-14 02/01/2002	2	.	0	.	0			NP-010633
	NP-14 10/01/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	Supersedes 29.203.
							get it	<i>remarks - this release:</i>	NP-11:creation Supersedes 29.203
<hr/>									
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-5	<i>current version:</i> 5.0.1								
	<i>freeze_meeting:</i> SP-15								
	<i>history (event, available, version,</i>								
	NP-16 26/06/2002	5	.	0	.	0			
	edito post NP-18 16/12/2002	5	.	0	.	1			minor editorials to change style from TS to TR.
							get it	<i>remarks - general:</i>	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
							get it	<i>remarks - this release:</i>	. latest Release version.
<hr/>									
TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 20/06/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.

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

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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-04- 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 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version,</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> UNMEHOPA, Musa MCC: ZOICAS, Adrian	Lucent Technologies Nederland B.V.
	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>			
TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control			
Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-16 <i>history (event, available, version,</i> draft 19/02/2002 0 . 2 . 1 N5-020084 draft 22/04/2002 1 . 0 . 0 NP-16 31/05/2002 2 . 0 . 0 NP-020198 (RFC nos. to be NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / - G: U: yes	<i>rapporteur:</i> UNMEHOPA, Musa MCC: ZOICAS, Adrian	Lucent Technologies Nederland B.V.
	get it	<i>remarks - general:</i> Evidence for existance unearthed in N5-020143. <i>remarks - this release:</i> .Was originally Rel-6, but moved to Rel 5 NP-15.	
	get it		
	get it		
	get it		
<hr/>			
TR 29.998-05- 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 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version,</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> UNMEHOPA, Musa MCC: ZOICAS, Adrian	Lucent Technologies Nederland B.V.
	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>			
TR 29.998-05- 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 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version,</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> UNMEHOPA, Musa MCC: ZOICAS, Adrian	Lucent Technologies Nederland B.V.
	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>			
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 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version,</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> UNMEHOPA, Musa MCC: ZOICAS, Adrian	Lucent Technologies Nederland B.V.
	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	

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Server ACTIVE specs Rel-5 29 .- series
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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):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Rel-5 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-5 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 07/04/2003 5 . 0 . 1 Technically identical to 30.002 v5.0.0. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG
remarks - this release: . 3.0x series.

Rel-5 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-21 *G:* yes *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
remarks - general: Test spec for 23.048.
remarks - this release:

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Server ACTIVE specs Rel-5 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.101	UICC-terminal interface; Physical and logical characteristics								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T3 / SCP	<i>rapporteur:</i> VESTERGAARD, Peter	NOKIA UK Ltd			
	<i>freeze_meeting:</i> TP-17			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-17 18/09/2002	5	.	0	.	0	get it	<i>remarks - general:</i> Contents is a reference to ETSI TR 102 221.	
	TP-18 02/01/2003	5	.	1	.	0	get it	<i>remarks - this release:</i> TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.	
<hr/>									
TS 31.102	Characteristics of the USIM Application								
Rel-5	<i>current version:</i> 5.5.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HEIM, Christian	GIESECKE & DEVRIENT GmbH			
	<i>freeze_meeting:</i> TP-15			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-15 28/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
	TP-16 28/06/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .	
	TP-17 25/09/2002	5	.	2	.	0	get it		
	TP-18 02/01/2003	5	.	3	.	0	get it		
	TP-19 01/04/2003	5	.	4	.	0	get it		
	TP-20	5	.	5	.	0			
<hr/>									
TS 31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application								
Rel-5	<i>current version:</i> 5.4.0			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> TP-16			G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16 26/06/2002	1	.	0	.	0	TP-020124	get it	<i>remarks - general:</i>
	TP-16 28/06/2002	5	.	0	.	0		get it	<i>remarks - this release:</i> .
	TP-17 25/09/2002	5	.	1	.	0		get it	
	TP-18 02/01/2003	5	.	2	.	0		get it	
	TP-19 26/03/2003	5	.	3	.	0		get it	
	TP-20	5	.	4	.	0			

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Server ACTIVE specs Rel-5 31 .- series
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TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian				Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-15								
	<i>history (event, available, version,</i>		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	TP-15 28/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>			To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.		
	TP-16 28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>			.		
	TP-17 18/09/2002	5 . 2 . 0	get it						
	TP-18 02/01/2003	5 . 3 . 0	get it						
	TP-19 04/04/2003	5 . 4 . 0	get it						

TS 31.112	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A				Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-15								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	TP-11 09/04/2001	1 . 0 . 0	get it	<i>remarks - general:</i>					
	TP-13 12/10/2001	2 . 0 . 0	get it	<i>remarks - this release:</i>			started life as Rel-4 draft, but ran out of time so ended up Rel-5.		TP-010207
	TP-13 12/10/2001	5 . 0 . 0	get it						
	TP-14 14/01/2002	5 . 1 . 0	get it						
	TP-16 19/06/2002	5 . 2 . 0	get it						

TS 31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A				Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-15								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	TP-11 09/04/2001	1 . 0 . 0	get it	<i>remarks - general:</i>					
	TP-13 12/10/2001	2 . 0 . 0	get it	<i>remarks - this release:</i>			started life as Rel-4 draft, but ran out of time so ended up Rel-5.		TP-010208
	TP-13 12/10/2001	5 . 0 . 0	get it						
	TP-14 14/01/2002	5 . 1 . 0	get it						
	TP-15 28/03/2002	5 . 2 . 0	get it						
	TP-16 19/06/2002	5 . 3 . 0	get it						
	TP-17 25/09/2002	5 . 4 . 0	get it						
	TP-19 26/03/2003	5 . 5 . 0	get it						

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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): T3 /	rapporteur: MEYER, Michael	GIESECKE & DEVRIENT GmbH	
	freeze_meeting: TP-15	G: U: yes	MCC: DIETZE, Claus		
history (event, available, version,					
	TP-14 02/01/2002	1 . 0 . 0	TP-010248	get it	remarks - general:
	TP-15 19/03/2002	1 . 5 . 1	TP-020030	get it	remarks - this release:
	TP-15 19/03/2002	2 . 0 . 0	TP-020077	get it	
	TP-15 28/03/2002	5 . 0 . 0		get it	
	TP-16 19/06/2002	5 . 1 . 0		get it	
	TP-17 25/09/2002	5 . 2 . 0		get it	
	TP-19 26/03/2003	5 . 3 . 0		get it	

TR 31.900	SIM/USIM internal and external interworking aspects				
Rel-5	current version: 5.2.0	WG (prime / other): T3 /	rapporteur: KALINER, Stefan	T-MOBILE DEUTSCHLAND	
	freeze_meeting: SP-15	G: U: yes	MCC: DIETZE, Claus		
history (event, available, version,					
	TP-15 28/03/2002	5 . 0 . 0		get it	remarks - general:
	TP-16 19/06/2002	5 . 1 . 0		get it	remarks - this release: .
	TP-19 26/03/2003	5 . 2 . 0		get it	

Rel-5 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101	Telecommunication management; Principles and high level requirements				
Rel-5	current version: 5.4.0	WG (prime / other): S5 / -	rapporteur: TRUSS, Michael	MOTOROLA Ltd	
	freeze_meeting: SP-15	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	SP-15 26/03/2002	5 . 0 . 0		get it	remarks - general:
	SP-17 18/09/2002	5 . 1 . 0		get it	remarks - this release: .
	SP-18 06/01/2003	5 . 2 . 0		get it	
	SP-19 31/03/2003	5 . 3 . 0		get it	
	SP-20	5 . 4 . 0			

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Server ACTIVE specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
SP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 06/01/2003 5 . 2 . 0 [get it](#)
SP-19 31/03/2003 5 . 3 . 0 [get it](#)

TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-5 *current version:* 5.1.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito (layout and 07/01/2003 5 . 1 . 1 [get it](#)
references)

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 20/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 09/01/2003 5 . 2 . 0 [get it](#)
SP-19 31/03/2003 5 . 3 . 0 [get it](#)
SP-20 5 . 4 . 0

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 08/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 09/01/2003 5 . 2 . 0 [get it](#)
SP-19 01/04/2003 5 . 3 . 0 [get it](#)
SP-20 5 . 4 . 0

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Server ACTIVE specs Rel-5 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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-16 20/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-17 20/09/2002 5 . 2 . 0 [get it](#)
SP-18 09/01/2003 5 . 3 . 0 [get it](#)
SP-19 01/04/2003 5 . 4 . 0 [get it](#)
SP-20 5 . 5 . 0

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
SP-16 20/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 06/01/2003 5 . 2 . 0 [get it](#)
SP-19 02/04/2003 5 . 3 . 0 [get it](#)
SP-20 5 . 4 . 0

TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 27/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
SP-16 20/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 09/01/2003 5 . 2 . 0 [get it](#)
SP-19 02/04/2003 5 . 3 . 0 [get it](#)
SP-20 5 . 4 . 0

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain				
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-15 27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
	SP-16 20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.
	SP-18 09/01/2003	5 . 2 . 0	get it		
	SP-19 02/04/2003	5 . 3 . 0	get it		
	SP-20	5 . 4 . 0			
<hr/>					
TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SHARON, Ariel	Lucent Technologies Networks System GmbH	
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-15 19/03/2002	1 . 0 . 0	SP-020033	get it	<i>remarks - general:</i>
	SP-16 17/06/2002	1 . 5 . 0	SP-020327	get it	<i>remarks - this release:</i>
	draft 19/07/2002	1 . 7 . 0		get it	
	SP-17 16/09/2002	2 . 0 . 0	SP-020453	get it	
	SP-17 18/09/2002	5 . 0 . 0	"Support of Diameter is mandatory."	get it	
	SP-18 06/01/2003	5 . 1 . 0		get it	
	SP-19 02/04/2003	5 . 2 . 0		get it	
	SP-20	5 . 3 . 0			
<hr/>					
TS 32.235	Telecommunication management; Charging management; Charging data description for application services				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-17 18/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i>
	SP-18 07/01/2003	5 . 1 . 0		get it	<i>remarks - this release:</i>
	SP-19 02/04/2003	5 . 2 . 0		get it	
	SP-20	5 . 3 . 0			
<hr/>					
TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-17 18/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Replaces 32.106-8 (pars)
edito post	SP-18 13/01/2003	5 . 0 . 1		get it	<i>remarks - this release:</i> .

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg		MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-15	26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.301-1			
	edito post SP-18	13/01/2003	5 . 0 . 1		get it	<i>remarks - this release:</i> .			
<hr/>									
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-14	11/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.301-2			
	edito	26/03/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .			
	edito post SP-18	13/01/2003	5 . 0 . 2		get it				
	SP-20		5 . 1 . 0						
<hr/>									
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG		
	<i>freeze_meeting:</i> SP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-15	26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.301-3			
	SP-17	18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .			
	edito post SP-17	01/10/2002	5 . 1 . 1		get it				
	edito post SP-18	13/01/2003	5 . 1 . 2		get it				
	SP-19	31/03/2003	5 . 2 . 0		get it				
<hr/>									
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution								
Rel-5	<i>current version:</i> 5.2.1			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG		
	<i>freeze_meeting:</i> SP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-14	11/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.301-4			
	SP-15	26/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .			
	SP-16	20/06/2002	5 . 2 . 0		get it				
	edito post SP-18	13/01/2003	5 . 2 . 1		get it				

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

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TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-1
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#) *remarks - this release:* .

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:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 06/09/2002 2 . 0 . 0 SP-020456 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#)

TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP): Information service
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020457 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 0 . 1 [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

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020458 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#)

TS 32.324 Telecommunication management; Test management 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:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020459 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#)

TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.104 (pars)
SP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-20 5 . 2 . 0

TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.104 (pars)
WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But *remarks - this release:* .
these CRs later withdrawn.)
SP-17 19/09/2002 5 . 1 . 0 [get it](#)
SP-19 31/03/2003 5 . 2 . 0 [get it](#)
SP-20 5 . 3 . 0

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TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-17 20/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-17 23/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-1					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) information service								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-2					
	SP-19 31/03/2003	5 . 1 . 0	get it	<i>remarks - this release:</i> .					
<hr/>									
TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-3					
	SP-19 31/03/2003	5 . 1 . 0	get it	<i>remarks - this release:</i> .					
	SP-20	5 . 2 . 0							
<hr/>									
TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-18 08/01/2003	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-4					
				<i>remarks - this release:</i> .					

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TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements								
Rel-5	current version: 5.1.0	WG (prime / other): S5 /	rapporteur: PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	freeze_meeting: SP-16	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,									
	SP-16 21/06/2002	5 . 0 . 0	get it	remarks - general:	was 32.602-1				
	SP-17 27/09/2002	5 . 1 . 0	get it	remarks - this release:	.				
<hr/>									
TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service								
Rel-5	current version: 5.1.1	WG (prime / other): S5 /	rapporteur: PIRT, Trevor	MOTOROLA Ltd					
	freeze_meeting: SP-17	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,									
	SP-17 27/09/2002	5 . 0 . 0	get it	remarks - general:	was 32.602-2				
	SP-18 07/01/2003	5 . 1 . 0	get it	remarks - this release:	.				
	edito 31/03/2003	5 . 1 . 1	get it						
<hr/>									
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: 5.1.0	WG (prime / other): S5 /	rapporteur: PIRT, Trevor	MOTOROLA Ltd					
	freeze_meeting: SP-17	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,									
	SP-17 27/09/2002	5 . 0 . 0	get it	remarks - general:	was 32.602-3				
	SP-19 31/03/2003	5 . 1 . 0	get it	remarks - this release:	.				
<hr/>									
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: 5.0.0	WG (prime / other): S5 /	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG					
	freeze_meeting: SP-17	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,									
	SP-18 07/01/2003	5 . 0 . 0	get it	remarks - general:	was 32.602-4				
				remarks - this release:	.				
<hr/>									
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: 5.1.0	WG (prime / other): S5 /	rapporteur: BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)					
	freeze_meeting: SP-16	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,									
	SP-16 21/06/2002	5 . 0 . 0	get it	remarks - general:	was 32.602-5				
edito after	SP-17 18/09/2002	5 . 0 . 1	get it	remarks - this release:	.				
	SP-20	5 . 1 . 0							

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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	
	history (event, available, version, SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.620-1	remarks - this release: .
TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	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	
	history (event, available, version, SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.620-2	remarks - this release: .
	SP-20 5 . 1 . 0					
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	5.1.0	WG (prime / other): S5 / -	rapporteur: PIRT, Trevor
	MOTOROLA Ltd					
	freeze_meeting: SP-17			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.620-3	remarks - this release: .
	SP-19 01/04/2003 5 . 1 . 0			get it		
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	5.0.0	WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf
	SIEMENS AG					
	freeze_meeting: SP-17			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.620-4	remarks - this release: .
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file	Rel-5	current version: format definition	5.1.0	WG (prime / other): S5 / -	rapporteur: BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)					
	freeze_meeting: SP-15			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-16 17/06/2002 1 . 0 . 0		SP-020298 pars	get it	remarks - general:	remarks - this release: .
	SP-17 06/09/2002 2 . 0 . 0		SP-020460	get it		
	SP-17 18/09/2002 5 . 0 . 0			get it		
	SP-20 5 . 1 . 0					

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						Server	ACTIVE specs	Rel-5	32 .- series	
							http://www.3gpp.org/ftp/Specs/archive/32_series			
TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements									
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.621-1					
					<i>remarks - this release:</i> .					
TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)									
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>	SP-17 23/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.621-2					
	SP-18 07/01/2003	5 . 1 . 0		get it	<i>remarks - this release:</i> .					
	SP-19 01/04/2003	5 . 2 . 0		get it						
	SP-20	5 . 3 . 0								
TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture									
Rel-5	<i>current version:</i> (CORBA) solution set	5.1.0		<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> PAL, Tapinder			T-	
MOBILE DEUTSCHLAND			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>freeze_meeting:</i> SP-17										
<i>history (event, available, version,</i>	SP-17 27/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.621-3					
	SP-18 07/01/2003	5 . 1 . 0		get it	<i>remarks - this release:</i> .					
TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)									
Rel-5	<i>current version:</i> solution set	5.0.0		<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf				
SIEMENS AG			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>freeze_meeting:</i> SP-17										
<i>history (event, available, version,</i>	SP-18 08/01/2003	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.621-4					
					<i>remarks - this release:</i> .					

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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	<i>current version: format definition</i>	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	BONNEAU, Frédéric		
NORTEL NETWORKS (EUROPE)									
	<i>freeze_meeting: SP-16</i>		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-16 17/06/2002	1 . 0 . 0					get it	<i>remarks - general:</i>	RP-15: existence gleaned from S5 report.
	SP-17 16/09/2002	2 . 0 . 0					get it	<i>remarks - this release:</i>	.
	SP-17 18/09/2002	5 . 0 . 0					get it		
	SP-20	5 . 1 . 0							
TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements								
Rel-5	<i>current version: 5.0.0</i>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PIRT, Trevor MOTOROLA Ltd		
	<i>freeze_meeting: SP-17</i>		G:	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	was 32.622-1
								<i>remarks - this release:</i>	.
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-5	<i>current version: 5.2.0</i>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PETERSEN, Robert Ericsson AB		
	<i>freeze_meeting: SP-17</i>		G:	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	was 32.622-2
	SP-18 07/01/2003	5 . 1 . 0					get it	<i>remarks - this release:</i>	.
	edito post SP-18 09/01/2003	5 . 1 . 1					get it		
	to accept all rev marks								
	SP-20	5 . 2 . 0							
TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-5	<i>current version: (CORBA) solution set</i>	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	RAYMER, David		
Motorola Inc.									
	<i>freeze_meeting: SP-17</i>		G:	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	was 32.622-3
	SP-20	5 . 1 . 0						<i>remarks - this release:</i>	.

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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	<i>current version: (CMIP) solution set</i>	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<i>freeze_meeting:</i>	SP-17	G:	U: yes	MCC:	ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-18	08/01/2003	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.622-4			
	SP-20		5 . 1 . 0		<i>remarks - this release:</i>	.			
TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file								
Rel-5	<i>current version: format definition</i>	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	BONNEAU, Frédéric		
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting:</i>	SP-16	G:	U: yes	MCC:	ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-16	17/06/2002	1 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-17	16/09/2002	2 . 0 . 0	get it	<i>remarks - this release:</i>	.			
	SP-17	18/09/2002	5 . 0 . 0	get it					
	SP-20		5 . 1 . 0						
TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version: 5.0.0</i>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i>	SP-17	G: yes	U:	MCC:	ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-17	27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.623-1			
					<i>remarks - this release:</i>	.			
TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-5	<i>current version: 5.1.0</i>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PETERSEN, Robert	Ericsson AB	
	<i>freeze_meeting:</i>	SP-17	G: yes	U:	MCC:	ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-17	27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.623-2			
	edito post SP-18	09/01/2003	5 . 0 . 1	get it	<i>remarks - this release:</i>	.			
	SP-20		5 . 1 . 0						

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

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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	5.1.0	WG (prime / other):	S5	/-	rapporteur:	RAYMER, David	Motorola Inc.
	freeze_meeting: SP-17		G: yes	U:	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-17 08/10/2002	5 . 0 . 0			get it	remarks - general:	was 32.623-3	
	edito post SP-18 09/01/2003	5 . 0 . 1			get it	remarks - this release:	.	
	SP-20	5 . 1 . 0						
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	5.1.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting: SP-17		G: yes	U:	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-18 08/01/2003	5 . 0 . 0			get it	remarks - general:	was 32.623-4	
	SP-20	5 . 1 . 0				remarks - this release:	.	
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	5.1.0	WG (prime / other):	S5	/	rapporteur:	BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-16		G: yes	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-16 17/06/2002	1 . 0 . 0			get it	remarks - general:		SP-020298 pars
	SP-17 16/09/2002	2 . 0 . 0			get it	remarks - this release:		SP-020463
	SP-17 18/09/2002	5 . 0 . 0			get it			
	SP-20	5 . 1 . 0						
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:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	draft 31/01/2002	0 . 1 . 0			get it	remarks - general:		
	SP-15 19/03/2002	1 . 0 . 0			get it	remarks - this release:	.	SP-020034 pars
	SP-17 16/09/2002	2 . 0 . 0			get it			SP-020464
	SP-17 18/09/2002	5 . 0 . 0			get it			
	SP-18 07/01/2003	5 . 1 . 0			get it			

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TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-18	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	draft 31/01/2002	0 . 1 . 0	get it	<i>remarks - general:</i>					
	SP-15 19/03/2002	1 . 0 . 0	get it	<i>remarks - this release:</i> .					
	SP-17 16/09/2002	2 . 0 . 0	get it						
	SP-17 18/09/2002	5 . 0 . 0	get it						
TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-17	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-17 16/09/2002	1 . 0 . 0	get it	<i>remarks - general:</i>					
	SP-17 18/09/2002	5 . 0 . 0	get it	<i>remarks - this release:</i> SP-15: will not exist in Rel-5. SP-17 Oh yes it will!					
	SP-19 03/04/2003	5 . 1 . 0	get it						
TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-18	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-17 16/09/2002	1 . 0 . 0	get it	<i>remarks - general:</i>					
	SP-18 07/01/2003	2 . 0 . 0	get it	<i>remarks - this release:</i> SP-15: will not exist in Rel-5. SP-17: Yes it will!					
	SP-18 07/01/2003	5 . 0 . 0	get it						
TS 32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	draft 17/01/2002	0 . 1 . 2	get it	<i>remarks - general:</i>					
	SP-16 17/06/2002	1 . 0 . 0	get it	<i>remarks - this release:</i> .					
	SP-17 19/07/2002	2 . 0 . 0	get it						
	SP-17 18/09/2002	5 . 0 . 0	get it						

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

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TS 32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i> SP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	draft 19/07/2002	0 . 0 . 0		get it	<i>remarks - general:</i>				
	draft 17/01/2002	0 . 1 . 1		get it	<i>remarks - this release:</i> .				
	SP-16 17/06/2002	1 . 0 . 0	SP-020329	get it					
	SP-17 16/09/2002	2 . 0 . 0	SP-020469	get it					
	SP-17 18/09/2002	5 . 0 . 0		get it					

TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-5	<i>current version:</i> solution set	5.1.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAYMER, David				
	Motorola Inc.								
	<i>freeze_meeting:</i> SP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 16/09/2002	1 . 0 . 0	SP-020470	get it	<i>remarks - general:</i>				
	SP-17 18/09/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-19 01/04/2003	5 . 1 . 0		get it					

TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i> SP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	draft 17/01/2002	0 . 1 . 0		get it	<i>remarks - general:</i>				
	draft 19/07/2002	1 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-17 16/09/2002	2 . 0 . 0	SP-020471	get it					
	SP-17 18/09/2002	5 . 0 . 0		get it					

TS 32.691	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-17		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 30/08/2002	1 . 0 . 0	SP-020472	get it	<i>remarks - general:</i>				
	SP-17 18/09/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .				

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

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.692 Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 30/08/2002 1 . 0 . 0 SP-020473 [get it](#) *remarks - general:*
SP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - this release:* .

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
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study
Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* MUDGE, John VODAFONE Group Plc
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-13 01/10/2001 0 . 0 . 2 TP-010213 (!) [get it](#) *remarks - general:*
SP-14 02/01/2002 1 . 0 . 0 SP-010652 (also TP-010283) [get it](#) *remarks - this release:* .
draft 28/01/2002 1 . 0 . 1 [get it](#)
draft 31/01/2002 1 . 0 . 2 [get it](#)
SP-15 19/03/2002 1 . 0 . 4 SP-020011 [get it](#)
SP-16 17/06/2002 2 . 0 . 0 SP-020331 [get it](#)
SP-16 20/06/2002 5 . 0 . 0 [get it](#)
SP-17 18/09/2002 5 . 1 . 0 [get it](#)

Rel-5 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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

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TS 33.102	3G security; Security architecture								
Rel-5	current version: 5.2.0			WG (prime / other): S3 / -	rapporteur: BLOMMAERT, Marc	SIEMENS ATEA NV			
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-16 19/06/2002	5 . 0 . 0		get it	remarks - general:				
	SP-18 18/12/2002	5 . 1 . 0		get it	remarks - this release: .				
	SP-20	5 . 2 . 0							
TS 33.106	Lawful interception requirements								
Rel-5	current version: 5.1.0			WG (prime / other): S3 / -	rapporteur: WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-11 04/04/2001	5 . 0 . 0		get it	remarks - general:				
	SP-17 18/09/2002	5 . 1 . 0		get it	remarks - this release:				
TS 33.107	3G security; Lawful interception architecture and functions								
Rel-5	current version: 5.5.0			WG (prime / other): S3 / -	rapporteur: WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-12 04/07/2001	5 . 0 . 0		get it	remarks - general:				
	SP-14 07/01/2002	5 . 1 . 0		get it	remarks - this release: .				
	SP-15 26/03/2002	5 . 2 . 0		get it					
	edito post SP-15 15/04/2002	5 . 2 . 1	Corrects change history.	get it					
	SP-16 19/06/2002	5 . 3 . 0		get it					
	SP-17 18/09/2002	5 . 4 . 0		get it					
	SP-18 18/12/2002	5 . 5 . 0		get it					
TS 33.108	3G security; Handover interface for Lawful Interception (LI)								
Rel-5	current version: 5.4.0			WG (prime / other): S3 /	rapporteur: WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	freeze_meeting: SP-16			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-15 19/03/2002	1 . 0 . 0	SP-020118	get it	remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core				
	SP-16	2 . 0 . 0	SP-020357		remarks - this release: . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).				
	SP-16 19/06/2002	5 . 0 . 0		get it					
	SP-17 23/09/2002	5 . 1 . 0		get it					
	SP-18 18/12/2002	5 . 2 . 0		get it					
	SP-19 24/03/2003	5 . 3 . 0		get it					
	SP-20	5 . 4 . 0							

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

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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					3
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,									
	SP-15 26/03/2002	5	.	0	.	0		get it	remarks - general:	2001-05-24: title grows MAP; see 33.210 for IP equivalent.
	SP-18 18/12/2002	5	.	1	.	0		get it	remarks - this release:	.
TS 33.201	Access domain security									
Rel-5	current version: none			WG (prime / other): S3 /	rapporteur: POPE, Maurice					ETSI Secretariat
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,									
									remarks - general:	
									remarks - this release:	.
TS 33.203	3G security; Access security for IP-based services									
Rel-5	current version: 5.6.0			WG (prime / other): S3 /	rapporteur: BOMAN, Krister					Telefon AB LM Ericsson
	freeze_meeting: SP-15			G: yes U: yes	MCC: POPE, Maurice					
	history (event, available, version,									
	SP-13 03/10/2001	0	.	4	.	0	anticipate v2.0.0 at SP-15	get it	remarks - general:	
	SP-14 02/01/2002	1	.	0	.	0	SP-010624	get it	remarks - this release:	
	SP-15 19/03/2002	2	.	0	.	0	SP-020116	get it		
	SP-15 26/03/2002	5	.	0	.	0	But CR at SP-15 to correct reference to SIP.	get it		
	SP-15 26/03/2002	5	.	1	.	0		get it		
	SP-16 19/06/2002	5	.	2	.	0		get it		
	SP-17 18/09/2002	5	.	3	.	0		get it		
	SP-18 18/12/2002	5	.	4	.	0		get it		
	SP-19 24/03/2003	5	.	5	.	0	There are two annexes J; this will be corrected after SP-20.	get it		
	SP-20	5	.	6	.	0				

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

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Server ACTIVE specs Rel-5 33 .- series
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TS 33.210 3G security; Network Domain Security (NDS); IP network layer security

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* POPE, Maurice

history (event, available, version,
SP-14 02/01/2002 1 . 0 . 0 SP-010623 [get it](#) *remarks - general:* 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).
SP-15 19/03/2002 2 . 0 . 0 SP-020117 [get it](#) *remarks - this release:*
SP-15 26/03/2002 5 . 0 . 0 [get it](#)
SP-16 19/06/2002 5 . 1 . 0 [get it](#)
SP-18 18/12/2002 5 . 2 . 0 [get it](#)
SP-19 24/03/2003 5 . 3 . 0 [get it](#)
SP-20 5 . 4 . 0

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:* POPE, Maurice

history (event, available, version,
draft 0 . 4 . 1 *v number seems to have restarted. Not* *remarks - general:*
uploaded for fear of confusion. *remarks - this release:* .

TR 33.903 Access Security for IP based services

Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* VACANT,
freeze_meeting: SP-15 *G: U: yes* *MCC:* POPE, Maurice

history (event, available, version,
remarks - general:
remarks - this release: .

Rel-5 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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

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TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* . TSG#9: Stable, so txfered from T1 to R2.
RP-18 13/01/2003 5 . 2 . 0 [get it](#)
RP-19 25/03/2003 5 . 3 . 0 [get it](#)

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
corrects page 24/06/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
headers
TP-17 10/09/2002 5 . 1 . 0 [get it](#)
edito post TP-17 20/09/2002 5 . 1 . 1 There were two annexes C ! [get it](#)
TP-18 18/12/2002 5 . 2 . 0 [get it](#)
TP-19 24/03/2003 5 . 3 . 0 [get it](#)
TP-20 5 . 4 . 0

TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-17 10/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-18 18/12/2002 5 . 2 . 0 [get it](#)
TP-19 24/03/2003 5 . 3 . 0 [get it](#)
TP-20 5 . 4 . 0

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

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TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 03/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-17 02/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 10/01/2003 5 . 2 . 0 [get it](#)
RP-19 04/04/2003 5 . 3 . 0 [get it](#)

TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
remarks - this release: .

Rel-5 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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:* POPE, Maurice
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

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:* POPE, Maurice
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

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

3GPP specification status

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Server ACTIVE specs Rel-5 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

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: POPE, Maurice				
history (event, available, version,	SP-16 24/06/2002 5 . 0 . 0				get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release: .
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: POPE, Maurice				
history (event, available, version,	SP-16 24/06/2002 5 . 0 . 0				get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release: .
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*;						
Rel-5	current version: Document 1: General	5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael			
VODAFONE Group Plc							
	freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice				
history (event, available, version,	SP-16 24/06/2002 5 . 0 . 0				get it	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.	remarks - this release: .
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*;						
Rel-5	current version: Document 2: Algorithm specification	5.1.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael			
VODAFONE Group Plc							
	freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice				
history (event, available, version,	SP-16 24/06/2002 5 . 0 . 0				get it	remarks - general: ex SAGE	remarks - this release: .
	SP-20 5 . 1 . 0						
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*;						
Rel-5	current version: Document 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: POPE, Maurice				
history (event, available, version,	SP-16 24/06/2002 5 . 0 . 0				get it	remarks - general: ex SAGE	remarks - this release: .

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

3GPP specification status

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Server ACTIVE specs Rel-5 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

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*;
 Rel-5 *current version: Document 4: Design conformance test data* 5.0.0 *WG (prime / other):* S3 /- *rporteur:* WALKER, Michael
 VODAFONE Group Plc

freeze_meeting: SP-15 G: U: yes MCC: POPE, Maurice
history (event, available, version,
 SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: .

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*;
 Rel-5 *current version: Document 5: Summary and results of design and evaluation* 5.0.0 *WG (prime / other):* S3 /- *rporteur:* WALKER, Michael
 VODAFONE Group Plc

freeze_meeting: SP-15 G: U: yes MCC: POPE, Maurice
history (event, available, version,
 SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: .

Rel-5 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
 Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 /- *rporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-15 G: yes U: MCC: POPE, Maurice

history (event, available, version,
 SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 41.033 Lawful Interception requirements for GSM
 Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 /- *rporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-15 G: yes U: MCC: POPE, Maurice

history (event, available, version,
 SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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ACTIVE specs Rel-5 41 .- series
Server http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-5 *current version:* none *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,

remarks - general:
remarks - this release: .

Rel-5 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A
freeze_meeting: TP-15 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version,

TP-12 06/07/2001 5 . 0 . 0

[get it](#) *remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: .

TS 42.033 Lawful Interception; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,

SP-16 24/06/2002 5 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: .

TS 42.043 Support of Localised Service Area (SoLSA); 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:* *MCC:* CLAYTON, Michael
history (event, available, version,

SP-16 19/07/2002 5 . 0 . 0

[get it](#) *remarks - general:* Was 22.043 at Rel99.
remarks - this release: .

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Server ACTIVE specs Rel-5 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
correct title line 22/10/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
post SP-16 edito 29/07/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
to history box

Rel-5 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005 Technical performance objectives

Rel-5 *current version:* 5.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-16 04/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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3GPP specification status

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Server ACTIVE specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.010	GSM Public Land Mobile Network (PLMN) connection types					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-15 20/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-17 17/09/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	NP-18 06/01/2003 5 . 2 . 0		get it			
<hr/>						
TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> TP-15	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-12 12/11/2001 5 . 0 . 0		get it	<i>remarks - general:</i> For test spec, see 51.013.		
	fix annexed library 21/11/2001 5 . 0 . 1		get it	<i>remarks - this release:</i> .		
	file					
	TP-14 17/01/2002 5 . 1 . 0		get it			
	TP-15 02/04/2002 5 . 2 . 0		get it			
	TP-16 25/06/2002 5 . 3 . 0		get it			
	TP-17 27/09/2002 5 . 4 . 0		get it			
	TP-18 08/01/2003 5 . 5 . 0		get it			
	TP-19 26/03/2003 5 . 6 . 0		get it			
<hr/>						
TS 43.020	Security-related network functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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

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Server ACTIVE specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-5	current version: 5.1.0	WG (prime / other):	G1 / N1	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd
	freeze_meeting: GP-10	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
	GP-10 19/07/2002 5 . 0 . 0			get it	remarks - general:	Moved from SMG3 Jan 2000.
	GP-11 19/09/2002 5 . 1 . 0			get it	remarks - this release:	.
<hr/>						
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	MOTOROLA A/S
	freeze_meeting: GP-10	G: yes U:		MCC:	Peter Skov USAI, Paolino	
history (event, available, version,						
	GP-10 19/07/2002 5 . 0 . 0			get it	remarks - general:	
re-issue as TR 31/07/2002 5 . 0 . 1				get it	remarks - this release:	.
(not TS) as per						
	03.26					
<hr/>						
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	
history (event, available, version,						
	GP-10 19/07/2002 5 . 0 . 0			get it	remarks - general:	
reissue as TR					remarks - this release:	.
instead of TS						
	GP-11 19/09/2002 5 . 1 . 0			get it		
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	S3 / -	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH
	freeze_meeting: SP-15	G: yes U:		MCC:	POPE, Maurice	
history (event, available, version,						
	SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release:	.
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: NP-15	G: yes U:		MCC:	BOSWARTHICK, David	
history (event, available, version,						
	NP-15 20/03/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release:	.

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

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Server ACTIVE specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

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 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-15 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2
Rel-5 *current version:* 5.9.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:* Originally created as 03.51r00
GP-04 20/04/2001 5 . 1 . 0 [get it](#) *remarks - this release:*
GP-05 28/06/2001 5 . 2 . 0 [get it](#)
GP-06 01/10/2001 5 . 3 . 0 [get it](#)
GP-07 04/01/2002 5 . 4 . 0 [get it](#)
GP-08 19/02/2002 5 . 5 . 0 [get it](#)
GP-09 06/05/2002 5 . 6 . 0 [get it](#)
GP-11 19/09/2002 5 . 7 . 0 [get it](#)
GP-12 03/01/2003 5 . 8 . 0 [get it](#)
GP-14 25/04/2003 5 . 9 . 0 [get it](#)

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
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 43.055 Dual Transfer Mode (DTM); Stage 2
Rel-5 *current version:* 5.1.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
GP-14 25/04/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom			
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN						
Rel-5	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation			
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	GP-06 01/10/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-07 04/01/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	GP-08 19/02/2002 5 . 2 . 0	get it					
	GP-09 06/05/2002 5 . 3 . 0	get it					
	remove hidden 25/04/2003 5 . 3 . 1	get it					
<hr/>							
TS 43.064	Overall description of the GPRS radio interface; Stage 2						
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation			
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	GP-09 06/05/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-14 25/04/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	make figs 20 and 02/05/2003 5 . 1 . 1	get it					
	25 legible						
<hr/>							
TS 43.068	Voice Group Call Service (VGCS); Stage 2						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-16 19/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	post NP-16 edito 28/06/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .				
	NP-17 17/09/2002 5 . 1 . 0	get it					
	NP-18 18/12/2002 5 . 2 . 0	get it					

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

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Server ACTIVE specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: NP-15 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
post NP-16 edito 28/06/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
NP-17 17/09/2002 5 . 1 . 0 [get it](#)
NP-18 18/12/2002 5 . 2 . 0 [get it](#)

TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 technically identical to v4.0.0 [get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

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
history (event, available, version,
GP-11 16/09/2002 5 . 0 . 0 Technically identical to TR.43,930 [get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.
remarks - this release: .

Rel-5 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: NP-15 *G: yes U:* *MCC:* Peter Skov JORGENSEN, Per Johan
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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Server ACTIVE specs Rel-5 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 44.004	Layer 1 - General Requirements					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG		
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-06 15/11/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-07 08/01/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-09 06/05/2002 5 . 2 . 0	get it				
<hr/>						
TS 44.005	Data Link (DL) Layer General Aspects					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> .			
<hr/>						
TS 44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

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Server ACTIVE specs Rel-5 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
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: .

TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-11
history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0
GP-13 21/02/2003 5 . 1 . 0

WG (prime / other): G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-5 *current version:* 5.10.0
freeze_meeting: GP-09
history (event, available, version,
GP-04 04/05/2001 5 . 0 . 0
GP-05 18/06/2001 5 . 1 . 0
GP-06 10/09/2001 5 . 2 . 0
GP-07 08/01/2002 5 . 3 . 0
GP-08 19/02/2002 5 . 4 . 0
GP-09 02/05/2002 5 . 5 . 0
GP-10 19/07/2002 5 . 6 . 0
GP-11 16/09/2002 5 . 7 . 0
GP-12 17/12/2002 5 . 8 . 0
GP-13 21/02/2003 5 . 9 . 0
GP-14 28/04/2003 5 . 10 . 0

WG (prime / other): G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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Server ACTIVE specs Rel-5 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):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: NP-15	G: yes U:		MCC:	BOSWARTHICK, David				
history (event, available, version,									
NP-14	11/01/2002	5 . 0 . 0		get it	remarks - general:				
post NP-17 -	02/10/2002	5 . 0 . 1		get it	remarks - this release: .				
replace illegible									
figures									
NP-17	18/09/2002	5 . 1 . 0		get it					
post NP-17 -	02/10/2002	5 . 1 . 1		get it					
replace illegible									
figures									
NP-18	06/01/2003	5 . 2 . 0		get it					

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
Rel-5	current version: 5.5.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: GP-09	G: yes U:		MCC:	THOMASEN, Gert				
history (event, available, version,									
GP-06	14/09/2001	5 . 0 . 0		get it	remarks - general:				
GP-07	08/01/2002	5 . 1 . 0		get it	remarks - this release: .				
GP-08	19/02/2002	5 . 2 . 0		get it					
GP-09	02/05/2002	5 . 3 . 0		get it					
GP-10	19/07/2002	5 . 4 . 0		get it					
GP-11	16/09/2002	5 . 5 . 0		get it					

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				
history (event, available, version,									
GP-11	27/09/2002	5 . 0 . 0		get it	remarks - general:				
edito	17/12/2002	5 . 0 . 1		get it	remarks - this release: .				

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):	N1 / -	rapporteur:	HUPPERICH, Peter	ALCATEL S.A.			
	freeze_meeting: NP-15	G: yes U:		MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
NP-16	20/06/2002	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				

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http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS supervising system Layer 3 Specification								
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	HUPPERICH, Peter	ALCATEL S.A.			
	freeze_meeting: NP-15	G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,	NP-16 20/06/2002	5	.	0	.	0	get it	remarks - general:	
								remarks - this release:	.
<hr/>									
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: 5.6.0	WG (prime / other):	G2 /	rapporteur:	BLACK, Jyoti	MOTOROLA			
	freeze_meeting: GP-09	G: yes	U:	MCC:	THOMASEN, Gert				
history (event, available, version,	GP-08 19/02/2002	5	.	0	.	0	get it	remarks - general:	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-09 03/05/2002	5	.	1	.	0	get it	remarks - this release:	. (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
edito post	GP-09 28/05/2002	5	.	1	.	1	get it		
	GP-10 19/07/2002	5	.	2	.	0	get it		
	GP-11 16/09/2002	5	.	3	.	0	get it		
	GP-12 17/12/2002	5	.	4	.	0	get it		
	GP-13 21/02/2003	5	.	5	.	0	get it		
	GP-14 29/04/2003	5	.	6	.	0	get it		
<hr/>									
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):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: NP-15	G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,	NP-14 04/01/2002	5	.	0	.	0	get it	remarks - general:	
	NP-15 19/03/2002	5	.	1	.	0	get it	remarks - this release:	.
<hr/>									
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SDNCP)								
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: NP-15	G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,	NP-16 19/06/2002	5	.	0	.	0	get it	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
								remarks - this release:	.

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TS 44.068	Group Call Control (GCC) Protocol								
Rel-5	current version: 5.0.1		WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)				
	freeze_meeting: NP-15		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	NP-16 19/06/2002	5 . 0 . 0		get it	remarks - general:				
	post NP-16 edito 26/06/2002	5 . 0 . 1	Correct faulty styles / clause	get it	remarks - this release: .				
<hr/>									
TS 44.069	Broadcast Call Control (BCC) protocol								
Rel-5	current version: 5.0.0		WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)				
	freeze_meeting: NP-15		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	NP-16 19/06/2002	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				
<hr/>									
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	MOTOROLA A/S				
	freeze_meeting: GP-11		G: yes U:	MCC: THOMASEN, Gert					
	history (event, available, version,								
	GP-11 27/09/2002	5 . 0 . 0		get it	remarks - general:				
	edito 17/12/2002	5 . 0 . 1		get it	remarks - this release: .				
<hr/>									
TS 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode								
Rel-5	current version: 5.4.0		WG (prime / other): G2 /	rapporteur: VIRTEJ, Iuliana	NOKIA Corporation				
	freeze_meeting: GP-09		G: yes U:	MCC: THOMASEN, Gert					
	history (event, available, version,								
	GP-08 20/03/2002	1 . 1 . 0	GP-020289	get it	remarks - general:				
	draft 26/03/2002	1 . 2 . 0		get it	remarks - this release: .				
	GP-08 27/03/2002	1 . 3 . 0	GP-02794	get it					
	draft 07/05/2002	1 . 4 . 0		get it					
	GP-10 19/07/2002	5 . 0 . 0		get it					
	GP-11 19/09/2002	5 . 1 . 0		get it					
	GP-12 17/12/2002	5 . 2 . 0		get it					
	GP-13 21/02/2003	5 . 3 . 0		get it					
	GP-14 28/04/2003	5 . 4 . 0		get it					

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

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Server ACTIVE specs Rel-5 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 Iu mode

Rel-5 *current version:* 5.4.0 *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

history (event, available, version,

GP-09	22/04/2002	0 . 2 . 0	GP-020803	get it	<i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2.
GP-10	19/07/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .
GP-11	19/09/2002	5 . 1 . 0		get it	
GP-12	17/12/2002	5 . 2 . 0		get it	
GP-13	21/02/2003	5 . 3 . 0		get it	
GP-14	29/04/2003	5 . 4 . 0		get it	

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

history (event, available, version,

GP-06		0 . 4 . 0			<i>remarks - general:</i>
GP-08	04/04/2002	0 . 7 . 0	GP-020220	get it	<i>remarks - this release:</i> .
GP-08	04/04/2002	1 . 0 . 0	GP-020427	get it	
GP-08	19/03/2002	2 . 0 . 0	GP-020491	get it	
GP-08	26/03/2002	5 . 0 . 0		get it	
GP-09	06/05/2002	5 . 1 . 0		get it	

Rel-5 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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Server ACTIVE specs Rel-5 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:* 5.6.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

GP-03 15/02/2001 5 . 0 . 0
GP-06 01/10/2001 5 . 1 . 0
GP-07 04/01/2002 5 . 2 . 0
GP-09 06/05/2002 5 . 3 . 0
GP-10 19/07/2002 5 . 4 . 0
GP-12 03/01/2003 5 . 5 . 0
GP-14 25/04/2003 5 . 6 . 0

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[get it](#) *remarks - this release:*
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TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 *current version:* 5.9.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

GP-03 15/02/2001 5 . 0 . 0
edito 27/02/2001 5 . 0 . 1
GP-04 20/04/2001 5 . 1 . 0
GP-06 01/10/2001 5 . 2 . 0
GP-07 04/01/2002 5 . 3 . 0
GP-08 19/02/2002 5 . 4 . 0
GP-09 06/05/2002 5 . 5 . 0
GP-10 19/07/2002 5 . 6 . 0
GP-12 03/01/2003 5 . 7 . 0
GP-13 21/02/2003 5 . 8 . 0
GP-14 25/04/2003 5 . 9 . 0

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[get it](#) *remarks - this release:*
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Server ACTIVE specs Rel-5 45 .- series
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TS 45.003 Channel coding

Rel-5 *current version:* 5.7.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

GP-03 06/02/2001 5 . 0 . 0
GP-05 28/06/2001 5 . 1 . 0
GP-06 01/10/2001 5 . 2 . 0
GP-07 04/01/2002 5 . 3 . 0
GP-08 19/02/2002 5 . 4 . 0
GP-09 06/05/2002 5 . 5 . 0
GP-10 19/07/2002 5 . 6 . 0
GP-14 25/04/2003 5 . 7 . 0

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[get it](#) *remarks - this release:*
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TS 45.004 Modulation

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

GP-07 04/01/2002 5 . 0 . 0
GP-10 19/07/2002 5 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: .*

TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.8.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

GP-05 28/06/2001 5 . 0 . 0
GP-06 01/10/2001 5 . 1 . 0
GP-07 04/01/2002 5 . 2 . 0
GP-09 06/05/2002 5 . 3 . 0
GP-10 19/07/2002 5 . 4 . 0
GP-11 19/09/2002 5 . 5 . 0
GP-12 03/01/2003 5 . 6 . 0
GP-13 21/02/2003 5 . 7 . 0
GP-14 25/04/2003 5 . 8 . 0

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Server ACTIVE specs Rel-5 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.10.0

freeze_meeting: GP-09

history (event, available, version,

GP-03	15/02/2001	5	.	0	.	0
GP-04	20/04/2001	5	.	1	.	0
GP-05	28/06/2001	5	.	2	.	0
GP-06	01/10/2001	5	.	3	.	0
GP-07	04/01/2002	5	.	4	.	0
GP-08	19/02/2002	5	.	5	.	0
GP-09	06/05/2002	5	.	6	.	0
GP-10	19/07/2002	5	.	7	.	0
GP-11	19/09/2002	5	.	8	.	0
GP-13	21/02/2003	5	.	9	.	0
GP-14	25/04/2003	5	.	10	.	0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

G: yes U:

MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 45.009 Link adaptation

Rel-5 *current version:* 5.5.0

freeze_meeting: GP-09

history (event, available, version,

GP-03	06/02/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-08	19/02/2002	5	.	3	.	0
GP-09	06/05/2002	5	.	4	.	0
GP-10	19/07/2002	5	.	5	.	0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels

G: yes U:

MCC: USAI, Paolino

MOTOROLA A/S

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 45.010 Radio subsystem synchronization

Rel-5 *current version:* 5.2.0

freeze_meeting: GP-10

history (event, available, version,

GP-10	19/07/2002	5	.	0	.	0
GP-11	19/09/2002	5	.	1	.	0
GP-13	21/02/2003	5	.	2	.	0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

G: yes U:

MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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ACTIVE specs Rel-5 45 .- series
Server http://www.3gpp.org/ftp/Specs/archive/45_series

TR 45.022 Radio link management in hierarchical networks

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

TR 45.050 Background for RF Requirements

Rel-5 *current version:* 5.0.1
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0
clean up 19/09/2002 5 . 0 . 1

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 45.056 CTS-FP Radio Sub-system

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

Rel-5 46 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.001 Full Rate Speech Processing Functions

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Rel-5 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.002	Half Rate Speech Processing Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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Server ACTIVE specs Rel-5 46 .- series
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TS 46.011 Substitution and Muting of Lost Frames for Full Rate Speech Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.012 Comfort Noise Aspects for Full Rate Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.020 Half Rate Speech Transcoding
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.022 Comfort Noise Aspects for Half Rate Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Rel-5 46 .- series
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TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
<hr/>							
TS 46.032	Voice Activity Detection (VAD)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
<hr/>							
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
<hr/>							
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
<hr/>							
TS 46.051	GSM Enhanced full rate speech processing functions: General description						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
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TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.060	Enhanced full rate speech transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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Server ACTIVE specs Rel-5 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

Rel-5 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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Server ACTIVE specs Rel-5 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.001	General Aspects on the BSS-MSC Interface					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	GP-11 27/09/2002 5 . 0 . 0	get it		<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	get it		<i>remarks - this release:</i> .		
<hr/>						
TS 48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-09			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	GP-04 05/10/2001 5 . 0 . 0	get it		<i>remarks - general:</i>		
	GP-09 06/05/2002 5 . 1 . 0	get it		<i>remarks - this release:</i> .		
<hr/>						
TS 48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	GP-11 27/09/2002 5 . 0 . 0	get it		<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	get it		<i>remarks - this release:</i> .		
<hr/>						
TS 48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	GP-11 27/09/2002 5 . 0 . 0	get it		<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	get it		<i>remarks - this release:</i> .		

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Server ACTIVE specs Rel-5 48 .- series
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TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
Rel-5 *current version:* 5.8.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-09
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-05 19/06/2001 5 . 1 . 0 [get it](#) *remarks - this release: .*
GP-06 14/09/2001 5 . 2 . 0 [get it](#)
GP-07 08/01/2002 5 . 3 . 0 [get it](#)
GP-08 19/02/2002 5 . 4 . 0 [get it](#)
GP-09 06/05/2002 5 . 5 . 0 [get it](#)
GP-10 19/07/2002 5 . 6 . 0 [get it](#)
GP-11 16/09/2002 5 . 7 . 0 [get it](#)
GP-12 18/12/2002 5 . 8 . 0 [get it](#)

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 MOTOROLA A/S
freeze_meeting: GP-11
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release: .*

TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service
Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-09
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-06 14/09/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-07 08/01/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*

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Server ACTIVE specs Rel-5 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
Rel-5	<i>current version:</i> 5.6.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA	
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-06 10/09/2001	5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-07 08/01/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	GP-08 19/02/2002	5 . 2 . 0	get it			
	GP-09 06/05/2002	5 . 3 . 0	get it			
	GP-10 19/07/2002	5 . 4 . 0	get it			
	GP-11 16/09/2002	5 . 5 . 0	get it			
	edito 17/12/2002	5 . 5 . 1	get it			
	GP-13 21/02/2003	5 . 6 . 0	get it			
	Editorial correction	29/04/2003	5 . 6 . 1	get it		
	of reference in					
	tables 10.2.1 and					
	10.2.2					
<hr/>						
TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-14 11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-17 18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-18 09/01/2003	5 . 2 . 0	get it			
<hr/>						
TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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

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Server ACTIVE specs Rel-5 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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Server ACTIVE specs Rel-5 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-05 18/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-06 10/09/2001 5 . 2 . 0	get it				
	GP-07 08/01/2002 5 . 3 . 0	get it				
	GP-08 19/02/2002 5 . 4 . 0	get it				
	GP-09 06/05/2002 5 . 5 . 0	get it				
	GP-10 19/07/2002 5 . 6 . 0	get it				

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 06/05/2002 5 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	GP-10 19/07/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-11 19/09/2002 5 . 2 . 0	get it				

TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 06/05/2002 5 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
			<i>remarks - this release:</i> .			

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

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

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Server ACTIVE specs Rel-5 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

Rel-5 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.001 General network interworking scenarios

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: .

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-16 19/06/2002 5 . 0 . 0
NP-19 24/03/2003 5 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-5 *current version:* 5.3.0
freeze_meeting: GP-09

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-06 02/10/2001 5 . 0 . 0
edito 03/10/2001 5 . 0 . 1
GP-07 08/01/2002 5 . 1 . 0
GP-08 19/02/2002 5 . 2 . 0
GP-10 19/07/2002 5 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

Rel-5 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

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

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Server ACTIVE specs Rel-5 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-5 *current version:* 5.3.0
freeze_meeting: SP-15

WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng
NP /
T2 /
SCP
/ G4

ETSI Secretariat

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

replacement of 0 . 0 . 0
accidentally
omitted text

remarks - general: 2001-11-19: G4->G5.
remarks - this release: .

GP-11 20/09/2002 5 . 0 . 0

[get it](#)

GP-12 20/12/2002 5 . 1 . 0

[get it](#)

GP-13 21/02/2003 5 . 2 . 0

[get it](#)

replacement of 28/02/2003 5 . 2 . 1

[get it](#)

omitted text post

GP-13

GP-14 25/04/2003 5 . 3 . 0

[get it](#)

TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-5 *current version:* 5.3.0
freeze_meeting: GP-11

WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng
NP /
T2 /
SCP
/ G4

ETSI Secretariat

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

GP-11 19/09/2002 5 . 0 . 0

[get it](#)

GP-12 20/12/2002 5 . 1 . 0

[get it](#)

GP-13 21/02/2003 5 . 2 . 0

[get it](#)

GP-14 25/04/2003 5 . 3 . 0

[get it](#)

remarks - general: 2001-11-19: G4->G5.
remarks - this release: .

TS 51.013 Test specification for SIM API for Java card

Rel-5 *current version:* 5.0.0
freeze_meeting:

WG (prime / other): T3 / - rapporteur: LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
G: yes U: MCC: DIETZE, Claus

history (event, available, version,

TP-20 5 . 0 . 0

remarks - general:
remarks - this release: TP-16: WI is TP-020122.

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

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Server ACTIVE specs Rel-5 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.021 GSM radio aspects base station system equipment specification

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
GP-12 03/01/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-13 21/02/2003 5 . 2 . 0 [get it](#)

TS 51.026 GSM Repeater Equipment Specification

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Rel-5 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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
history (event, available, version,
SP-19 31/03/2003 5 . 0 . 0 technically identical to v4.2.0 [get it](#) *remarks - general:* SP-13: replaces 32.402.
remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

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

Rel-4

Rel-4 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series**TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system**Rel-4 *current version:* none
freeze_meeting: SP-20
*history (event, available, version,**WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: *U:* yes *MCC:* POPE, Maurice*remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999
remarks - this release: . Specifications".**TS 21.111 USIM and IC card requirements**Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
*history (event, available, version,**WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* DIETZE, ClausTP-11 09/04/2001 4 . 0 . 0
TP-17 18/09/2002 4 . 1 . 0[get it](#) *remarks - general:*
[get it](#) *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.**TS 21.133 3G security; Security threats and requirements**Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11*WG (prime / other):* S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: *U:* yes *MCC:* POPE, Maurice*history (event, available, version,*
SP-11 09/04/2001 4 . 0 . 0
SP-14 07/01/2002 4 . 1 . 0[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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Server ACTIVE specs Rel-4 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.801 Specification drafting rules

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

history (event, available, version,

SP-08 28/06/2000 1 . 0 . 0

SP-08 30/06/2000 4 . 0 . 0

SP-11 11/04/2001 4 . 1 . 0

SP-13 01/10/2001 4 . 2 . 0

SP-15 27/03/2002 4 . 3 . 0

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* Formal doc created after TSG#7. (Was briefly 21.200)

[get it](#)

[get it](#)

[get it](#)

TR 21.900 Technical Specification Group working methods

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

history (event, available, version,

SP-11 11/04/2001 4 . 0 . 0

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

[get it](#) *remarks - general:*

remarks - this release:

TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

history (event, available, version,

SP-09 18/10/2000 4 . 0 . 0

SP-10 08/01/2001 4 . 1 . 0

SP-11 02/04/2001 4 . 2 . 0

SP-12 27/06/2001 4 . 3 . 0

SP-13 05/10/2001 4 . 4 . 0

SP-20 4 . 5 . 0

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

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* Absorbs 01.04.

[get it](#)

[get it](#)

[get it](#)

Rel-4 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

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Server ACTIVE specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-09	18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#5		
SP-10	08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
remove change	28/02/2001	4 . 1 . 1		get it			
bars							
SP-12	27/06/2001	4 . 2 . 0		get it			
SP-15	25/03/2002	4 . 3 . 0		get it			

TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-09	18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
SP-11	02/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
SP-12	27/06/2001	4 . 2 . 0		get it			

TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-07	17/03/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#5		
SP-10	08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
SP-12	27/06/2001	4 . 2 . 0		get it			
SP-15	25/03/2002	4 . 3 . 0		get it			

TS 22.004	General on supplementary services						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
SP-11	02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
SP-15	25/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>		
SP-16	04/07/2002	4 . 2 . 0		get it			

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

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Server ACTIVE specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.011	Service accessibility								
Rel-4	current version: 4.8.0			WG (prime / other):	S1 / -	rapporteur:	GALLAIRE, Jean Paul	France Telecom	
	freeze_meeting: SP-11			G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,								
	SP-07 17/03/2000	4 . 0 . 0				get it	remarks - general:	Transfer>TSG#4	
	SP-08 28/06/2000	4 . 1 . 0				get it	remarks - this release:		
	SP-09 18/10/2000	4 . 2 . 0				get it			
	SP-11 02/04/2001	4 . 3 . 0				get it			
	SP-12 27/06/2001	4 . 4 . 0				get it			
	SP-14 10/01/2002	4 . 5 . 0				get it			
	SP-15 25/03/2002	4 . 6 . 0				get it			
	SP-16 04/07/2002	4 . 7 . 0				get it			
	SP-17 17/09/2002	4 . 8 . 0				get it			
<hr/>									
TS 22.016	International Mobile Equipment Identities (IMEI)								
Rel-4	current version: 4.2.1			WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: SP-11			G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0				get it	remarks - general:	Transfer>TSG#4	
	SP-15 25/03/2002	4 . 1 . 0				get it	remarks - this release:	TSG#8: CR proposed creation, but not aprvd.	
	SP-16 04/07/2002	4 . 2 . 0				get it			
	edito post SP-16 19/07/2002	4 . 2 . 1	History box			get it			
<hr/>									
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:	POPE, Maurice		
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0				get it	remarks - general:	Transfer>TSG#4	
	SP-16 19/06/2002	4 . 1 . 0				get it	remarks - this release:		
<hr/>									
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-4	current version: 4.0.0			WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-11			G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0				get it	remarks - general:	Transfer>TSG#4,CR at TSG#5	
							remarks - this release:		

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

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Server ACTIVE specs Rel-4 22 .- series
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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:	TOIVANEN, Annukka	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-11 02/04/2001	4	. 0	. 0	get it	remarks - general:	Transfer>TSG#4		
	SP-15 25/03/2002	4	. 1	. 0	get it	remarks - this release:			
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:	POPE, Maurice				
	history (event, available, version,								
	SP-18 06/01/2003	4	. 0	. 0	get it	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.		
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:	POPE, Maurice				
	history (event, available, version,								
	SP-16 24/06/2002	4	. 0	. 0	get it	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.		
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				
	history (event, available, version,								
	SP-11 02/04/2001	4	. 0	. 0	get it	remarks - general:	Transfer>TSG#4		
	SP-16 04/07/2002	4	. 1	. 0	get it	remarks - this release:			
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-4	current version: 4.2.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-09 18/10/2000	4	. 0	. 0	get it	remarks - general:	Transfer>TSG#4		
	SP-10 08/01/2001	4	. 1	. 0	get it	remarks - this release:			
	SP-20	4	. 2	. 0					

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TS 22.041	Operator Determined Call Barring								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-10 08/01/2001	4 . 0 . 0		get it	remarks - general:	Transfer>TSG#4			
	SP-11 02/04/2001	4 . 1 . 0		get it	remarks - this release:				
<hr/>									
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1								
Rel-4	current version: 4.2.0	WG (prime / other):	S1 / -	rapporteur:	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0		get it	remarks - general:	Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0		get it	remarks - this release:				
	SP-20	4 . 2 . 0							
<hr/>									
TS 22.048	Security Mechanisms for the (U)SIM application toolkit; Stage 1								
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting: TP-12	G: yes U: yes		MCC:	DIETZE, Claus				
	history (event, available, version,								
	TP-12 06/07/2001	4 . 0 . 0		get it	remarks - general:	TP-12: was previously 42.048.			
					remarks - this release:	.			
<hr/>									
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				
	history (event, available, version,								
	draft 23/04/1999	0 . 0 . 0		get it	remarks - general:	Transfer>TSG#4.			
	SP-03 23/04/1999	0 . 1 . 1		get it	remarks - this release:				
	SP-11 10/04/2001	4 . 0 . 0		get it					
	edito 01/10/2001	4 . 0 . 1		get it					
<hr/>									
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-09 18/10/2000	4 . 0 . 0		get it	remarks - general:	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	SP-15 25/03/2002	4 . 1 . 0		get it	remarks - this release:	Environment (MExE); Stage 1".			

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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 Limited
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,						
	SP-07 17/03/2000			get it	remarks - general:	Transfer>TSG#4
	SP-08 28/06/2000			get it	remarks - this release:	
	SP-10 08/01/2001			get it		
	SP-15 25/03/2002			get it		
	SP-16 04/07/2002			get it		

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	
history (event, available, version,						
	SP-11 02/04/2001			get it	remarks - general:	Transfer>TSG#4
					remarks - this release:	

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	
history (event, available, version,						
	SP-10 08/01/2001			get it	remarks - general:	Transfer>TSG#4
	SP-15 25/03/2002			get it	remarks - this release:	

TS 22.071	Location Services (LCS); Stage 1					
Rel-4	current version: 4.4.1	WG (prime / other):	S1 / -	rapporteur:	WOHLERT, Randolph	SBC Communications Inc.
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,						
	SP-08 28/06/2000			get it	remarks - general:	Transfer>TSG#4
	SP-09 18/10/2000			get it	remarks - this release:	
	SP-10 08/01/2001			get it		
	SP-11 02/04/2001			get it		
	SP-15 25/03/2002			get it		
edito post	SP-15 04/04/2002			get it		

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TS 22.072	Call Deflection (CD); Stage 1						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
			<i>remarks - this release:</i>				
<hr/>							
TS 22.076	Noise suppression for the AMR codec; Service description; Stage 1						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	edito 01/10/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>				
<hr/>							
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1						
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-09 29/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-10 08/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-11 02/04/2001 4 . 2 . 0	get it					
	SP-12 27/06/2001 4 . 3 . 0	get it					
	SP-14 10/01/2002 4 . 4 . 0	get it					
	SP-15 25/03/2002 4 . 5 . 0	get it					
<hr/>							
TS 22.079	Support of optimal routing; Stage 1						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
			<i>remarks - this release:</i>				

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						Server	ACTIVE specs	Rel-4	22 .- series
						http://www.3gpp.org/ftp/Specs/archive/22_series			
TS 22.081	Line Identification supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	AHNBERG, Tomas	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-15 25/03/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>					
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	EVEN, Anne	France Telecom			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-12 29/06/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>					
	SP-15 25/03/2002 4 . 2 . 0	get it							
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-15 25/03/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>					
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-15 25/03/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>					
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-15 25/03/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>					

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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
TS 22.087	User-to-user signalling (UUS); Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
TS 22.088	Call Barring (CB) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 25/03/2002 4 . 1 . 0			get it	<i>remarks - this release:</i>				
<hr/>									
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				

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TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
TS 22.094	Follow Me service description - Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BERGMANN, Ansgar	Deutsche Telekom AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
	SP-15 25/03/2002 4 . 1 . 0			get it	<i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced.				
<hr/>									
TS 22.096	Name identification supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 25/03/2002 4 . 1 . 0			get it	<i>remarks - this release:</i>				

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TS 22.101	Service aspects; Service principles						
Rel-4	<i>current version:</i> 4.7.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-08 28/06/2000	4 . 0 . 0	based on 3.9.0	get it	<i>remarks - general:</i>		
	SP-09 18/10/2000	4 . 1 . 0		get it	<i>remarks - this release:</i> based on 3.9.0		
	SP-10 08/01/2001	4 . 2 . 0		get it			
	SP-11 02/04/2001	4 . 3 . 0		get it			
	SP-12 27/06/2001	4 . 4 . 0		get it			
	spelling 31/07/2001	4 . 4 . 1		get it			
	SP-13 05/10/2001	4 . 5 . 0		get it			
	SP-15 25/03/2002	4 . 6 . 0		get it			
	SP-20	4 . 7 . 0					
TS 22.105	Services and service capabilities						
Rel-4	<i>current version:</i> 4.3.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-10 08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-12 27/06/2001	4 . 2 . 0		get it			
	SP-15 25/03/2002	4 . 3 . 0		get it			
TS 22.115	Service Aspects Charging and billing						
Rel-4	<i>current version:</i> 4.0.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1						
Rel-4	<i>current version:</i> 4.1.1						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-04 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment;		
	SP-11 02/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i> Stage 1". SP-16: converted from TS to TR.		
	SP-16 19/07/2002	4 . 1 . 1	Converted from TS to TR.	get it			

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
draft 0 . 1 . 0 *remarks - general:*
draft 0 . 2 . 0 *remarks - this release:*
draft 0 . 3 . 0
draft 0 . 4 . 0
draft 0 . 5 . 0
SP-09 28/09/2000 1 . 0 . 0 [get it](#)
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 12/01/2001 4 . 0 . 0 [get it](#)
SP-11 02/04/2001 4 . 1 . 0 [get it](#)
SP-12 27/06/2001 4 . 2 . 0 [get it](#)
SP-14 10/01/2002 4 . 3 . 0 [get it](#)
SP-15 28/03/2002 4 . 4 . 0 [get it](#)

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 PCS LTD
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-09 18/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-11 02/04/2001 4 . 2 . 0 [get it](#)
SP-12 27/06/2001 4 . 3 . 0 [get it](#)
SP-14 10/01/2002 4 . 4 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

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
history (event, available, version,
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-15 27/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-16 4 . 2 . 0 CR010 unimplementable because
written to wrong version. No new CR at
SP-17; still waiting.
SP-18 18/12/2002 4 . 2 . 0 CR010r1 implemented [get it](#)

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)
SP-05 08/10/1999 1 . 0 . 0 [get it](#) *remarks - this release:* based on 3.0.0
SP-06 17/12/1999 2 . 0 . 0 [get it](#)
SP-08 4 . 0 . 0
SP-08 28/06/2000 4 . 0 . 1 [get it](#)
SP-11 02/04/2001 4 . 1 . 0 [get it](#)
SP-15 28/03/2002 4 . 2 . 0 [get it](#)
SP-18 07/01/2003 4 . 3 . 0 [get it](#)

Rel-4 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002	Network architecture					
Rel-4	current version: 4.8.0		WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM	
	freeze_meeting: SP-11		G: yes U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	SP-09 18/10/2000	4 . 0 . 0		get it	remarks - general: Transfer>TSG#4,CR at TSG#5	
	SP-10 21/12/2000	4 . 1 . 0		get it	remarks - this release:	
	SP-11 06/04/2001	4 . 2 . 0		get it		
	SP-12 29/06/2001	4 . 3 . 0		get it		
	SP-14 07/01/2002	4 . 4 . 0		get it		
	SP-17 24/09/2002	4 . 5 . 0		get it		
	SP-18 10/01/2003	4 . 6 . 0		get it		
	SP-19 27/03/2003	4 . 7 . 0		get it		
	SP-20	4 . 8 . 0				
<hr/>						
TS 23.003	Numbering, Addressing and Identification					
Rel-4	current version: 4.6.0		WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD	
	freeze_meeting: SP-11		G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	NP-11 02/04/2001	4 . 0 . 0		get it	remarks - general:	
	NP-12 27/06/2001	4 . 1 . 0		get it	remarks - this release:	
	NP-13 03/10/2001	4 . 2 . 0		get it		
	NP-14 11/01/2002	4 . 3 . 0		get it		
	NP-16 21/06/2002	4 . 4 . 0		get it		
	NP-17 17/09/2002	4 . 5 . 0		get it		
	NP-20	4 . 6 . 0				
<hr/>						
TS 23.007	Restoration procedures					
Rel-4	current version: 4.1.1		WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD	
	freeze_meeting: SP-11		G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	NP-11 04/04/2001	4 . 0 . 0		get it	remarks - general:	
	corrects 24/06/2002	4 . 0 . 1		get it	remarks - this release:	
	NP-16 21/06/2002	4 . 1 . 0		get it		
	corrects 24/09/2002	4 . 1 . 1		get it		

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 28/03/2001 4 . 0 . 0
NP-12 27/06/2001 4 . 1 . 0
NP-16 21/06/2002 4 . 2 . 0
NP-20 4 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 23.009 Handover procedures

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-12 06/07/2001 4 . 1 . 0
NP-13 05/10/2001 4 . 2 . 0
NP-14 08/01/2002 4 . 3 . 0
NP-16 20/06/2002 4 . 4 . 0
NP-17 17/09/2002 4 . 5 . 0
NP-18 02/01/2003 4 . 6 . 0
NP-19 24/03/2003 4 . 7 . 0
NP-20 4 . 8 . 0

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: yes U: yes *MCC:* JORGENSEN, Per Johan
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.011 Technical realization of Supplementary Services

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
corrects 24/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 23.012 Location management procedures

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version,

NP-11 11/04/2001 4 . 0 . 0

NP-17 17/09/2002 4 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG

G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* Should not be in UMTS ????

[get it](#) *remarks - this release:*

TS 23.015 Technical realisation of Operator Determined Barring (ODB)

Rel-4 *current version:* 4.0.1

freeze_meeting: SP-11

history (event, available, version,

NP-11 02/04/2001 4 . 0 . 0

corrects 24/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

TS 23.016 Subscriber data management; Stage 2

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

history (event, available, version,

NP-11 30/03/2001 4 . 0 . 0

NP-15 28/03/2002 4 . 1 . 0

NP-16 21/06/2002 4 . 2 . 0

NP-17 17/09/2002 4 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

TS 23.018 Basic Call Handling; Technical realization

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

history (event, available, version,

NP-09 25/10/2000 4 . 0 . 0

NP-10 21/12/2000 4 . 1 . 0

NP-11 06/04/2001 4 . 2 . 0

NP-12 27/06/2001 4 . 3 . 0

NP-13 03/10/2001 4 . 4 . 0

NP-14 16/01/2002 4 . 5 . 0

NP-15 28/03/2002 4 . 6 . 0

NP-19 04/04/2003 4 . 7 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-18		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i> SP-18 06/01/2003 4 . 0 . 0	Technically identical to 43.031 v4.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &					<i>remarks - this release:</i> Created from 43.031 Rel-4. Rel-5 -> 23.031.
TS 23.032	Universal Geographical Area Description (GAD)								
Rel-4	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu					NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i> SP-11 11/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> S2 responsibility?					
	SP-18 07/01/2003 4 . 1 . 0		get it	<i>remarks - this release:</i>					
	edito post SP-18 10/01/2003 4 . 1 . 1		get it						
	to correct figures								
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>					
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>					<i>remarks - this release:</i>
TS 23.035	Immediate Service Termination (IST); Stage 2								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-16		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i> SP-16 24/06/2002 4 . 0 . 0		get it	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).					
	SP-17 18/09/2002 4 . 1 . 0		get it	<i>remarks - this release:</i> SP-16: takes over from 43.035 Rel-4					

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.038 Alphabets and language-specific information

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-10 03/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:* based on 3.3.0
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-13 03/10/2001 4 . 3 . 0 [get it](#)
TP-14 11/01/2002 4 . 4 . 0 [get it](#)

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):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-09 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-12 02/07/2001 4 . 3 . 0 [get it](#)
TP-13 03/10/2001 4 . 4 . 0 [get it](#)
TP-14 11/01/2002 4 . 5 . 0 [get it](#)
TP-15 21/03/2002 4 . 6 . 0 [get it](#)
TP-16 25/06/2002 4 . 7 . 0 [get it](#)
TP-20 4 . 8 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 11/01/2002 4 . 2 . 0 [get it](#)
TP-16 02/07/2002 4 . 3 . 0 [get it](#)
TP-19 24/03/2003 4 . 4 . 0 [get it](#)

TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
include test vector 17/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
file

TS 23.048 Security Mechanisms for the (U)SIM application toolkit; Stage 2

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-12 *G: yes U: yes* *MCC:* DIETZE, Claus

history (event, available, version,
TP-12 06/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13 12/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:* .
TP-14 17/01/2002 4 . 2 . 0 [get it](#)
TP-15 28/03/2002 4 . 3 . 0 [get it](#)
TP-19 26/03/2003 4 . 4 . 0 [get it](#)

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

history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* No draft.
SP-11 29/03/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
edito 01/10/2001 4 . 0 . 1 [get it](#)

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-4 *current version:* 4.5.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-10 22/12/2000 4 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-12 05/07/2001 4 . 2 . 0 [get it](#)
TP-13 05/10/2001 4 . 3 . 0 [get it](#)
include fig 5 18/10/2001 4 . 3 . 1 [get it](#)
TP-14 16/01/2002 4 . 4 . 0 [get it](#)
TP-15 25/03/2002 4 . 5 . 0 [get it](#)

TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 12/10/2001 4 . 2 . 0 [get it](#)
SP-14 08/01/2002 4 . 3 . 0 [get it](#)
edito 4 . 3 . 1 [get it](#)
SP-15 05/04/2002 4 . 4 . 0 [get it](#)
SP-16 17/06/2002 4 . 5 . 0 [get it](#)
SP-17 02/10/2002 4 . 6 . 0 [get it](#)
SP-18 10/01/2003 4 . 7 . 0 [get it](#)
SP-20 4 . 8 . 0

TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4, CR at TSG#5
corrects 24/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>						
NP-10	21/12/2000	4 . 0 . 0	get it	<i>remarks - general:</i>		
NP-12	27/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
corrects	24/06/2002	4 . 1 . 1	get it			

TS 23.072	Call Deflection Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>						
NP-11	04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
corrects	24/06/2002	4 . 0 . 1	get it	<i>remarks - this release:</i>		

TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-4	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
<i>history (event, available, version,</i>						
NP-11	02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3.		
NP-13	03/10/2001	4 . 2 . 0	get it			
NP-14	04/01/2002	4 . 3 . 0	get it			
NP-15	19/03/2002	4 . 4 . 0	get it			
NP-16	17/06/2002	4 . 5 . 0	get it			
post NP-16 edito	19/06/2002	4 . 5 . 1	get it			
NP-17	17/09/2002	4 . 6 . 0	get it			
editorial correction	14/11/2002	4 . 6 . 1	get it			
to cover page		minor correction, no need for SDO publication				
NP-18	18/12/2002	4 . 7 . 0	get it			
NP-19	25/03/2003	4 . 8 . 0	get it			
NP-20		4 . 9 . 0				

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

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Server ACTIVE specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11		Chalmers			
	<i>history (event, available, version,</i>	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 21/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 4 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-12 27/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-13 03/10/2001 4 . 2 . 0	get it				
	NP-16 21/06/2002 4 . 3 . 0	get it				
<hr/>						
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-09 26/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-11 30/03/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	inclusion of 24/04/2001 4 . 2 . 0	get it				
	missed CR					
	NP-14 10/01/2002 4 . 3 . 0	get it				

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

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TS 23.084	MultiParty (MPTY) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 30/03/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* CROOK, Mick
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

ORANGE PCS LTD

[get it](#) *remarks - general:*
remarks - this release:

TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 30/03/2001 4 . 0 . 0
NP-17 17/09/2002 4 . 1 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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[get it](#) *remarks - general:*
remarks - this release:

TS 23.094 Follow Me Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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[get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5
remarks - this release:

TS 23.096 Name Identification Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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[get it](#) *remarks - general:*
remarks - this release:

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TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.101	General UMTS Architecture					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.107	Quality of Service (QoS) concept and architecture					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>					
	SP-10 22/12/2000 4 . 0 . 0	get it	<i>remarks - general:</i> was 23.907			
	SP-12 29/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-13 12/10/2001 4 . 2 . 0	get it				
	SP-14 07/01/2002 4 . 3 . 0	get it				
	SP-15 07/04/2002 4 . 4 . 0	get it				
	SP-17 24/09/2002 4 . 5 . 0	get it				
	SP-18 10/01/2003 4 . 6 . 0	get it				
<hr/>						
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	NP-11 11/04/2001 4 . 0 . 0 NP-15 withdrawn	get it	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.			
	post NP-16 28/06/2002 4 . 0 . 1 update history table	get it	<i>remarks - this release:</i> 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.			

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TS 23.110	UMTS Access Stratum Services and Functions								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	SP-11 11/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 23.116	Super-Charger technical realization; Stage 2								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> New after TSG#5				
	NP-12 27/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-14 10/01/2002	4 . 2 . 0		get it					
<hr/>									
TS 23.119	Gateway Location Register (GLR); Stage2								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> New after TSG#5				
					<i>remarks - this release:</i>				
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-12 05/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-17 17/09/2002	4 . 2 . 0		get it					
	NP-18 18/12/2002	4 . 3 . 0		get it					

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TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-4	current version: 4.3.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-11	G:	U: yes	MCC:	YOON, Sang-Ui				
history (event, available, version,									
SP-09	06/11/2000	4 . 0 . 0		get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.			
SP-11	06/04/2001	4 . 1 . 0		get it	remarks - this release:				
SP-12	29/06/2001	4 . 2 . 0		get it					
SP-15	05/04/2002	4 . 3 . 0		get it					

TS 23.135	Multicall supplementary service; Stage 2								
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-09	25/10/2000	4 . 0 . 0		get it	remarks - general:				
					remarks - this release:				

TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-4	current version: 4.10.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
history (event, available, version,									
TP-09	06/10/2000	4 . 0 . 0		get it	remarks - general:				
TP-10	21/12/2000	4 . 1 . 0		get it	remarks - this release:				
TP-11	29/03/2001	4 . 2 . 0		get it					
TP-12	03/07/2001	4 . 3 . 0		get it					
TP-13	05/10/2001	4 . 4 . 0		get it					
TP-14	11/01/2002	4 . 5 . 0		get it					
TP-15	21/03/2002	4 . 6 . 0		get it					
TP-16	25/06/2002	4 . 7 . 0		get it					
TP-17	23/09/2002	4 . 8 . 0		get it					
TP-19	31/03/2003	4 . 9 . 0		get it					
TP-20		4 . 10 . 0							

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TS 23.146 Technical realisation of facsimile Group 3 service - non-transparent

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-06	17/12/1999	1	.	0	.	0	get it <i>remarks - general:</i>
NP-07	17/03/2000	1	.	1	.	0	get it <i>remarks - this release:</i> 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!"
N3-10	25/05/2000	2	.	0	.	0	get it
NP-08	23/06/2000	4	.	0	.	0	get it
NP-09	12/10/2000	4	.	1	.	0	get it

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

draft	14/01/2000	1	.	0	.	0	get it <i>remarks - general:</i> New after TSG#5
NP-07	21/11/2000	2	.	0	.	0	get it <i>remarks - this release:</i> argument in SA over r99 or r00] concl: not approved
NP-10		2	.	3	.	0	NP-000653
NP-10	09/01/2001	4	.	0	.	0	get it
NP-11	04/04/2001	4	.	1	.	0	get it
NP-12	27/06/2001	4	.	2	.	0	get it
NP-13	03/10/2001	4	.	3	.	0	get it
NP-14	10/01/2002	4	.	4	.	0	get it
NP-17	18/09/2002	4	.	5	.	0	get it
NP-18	09/01/2003	4	.	6	.	0	get it
NP-19	04/04/2003	4	.	7	.	0	get it
NP-20		4	.	8	.	0	

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TS 23.205 Bearer-independent circuit-switched core network; Stage 2

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-10 12/01/2001 1 . 0 . 1 N4-001104 [get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.
NP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
NP-12 06/07/2001 4 . 1 . 0 [get it](#)
NP-13 03/10/2001 4 . 2 . 0 [get it](#)
NP-14 10/01/2002 4 . 3 . 0 [get it](#)
NP-15 28/03/2002 4 . 4 . 0 [get it](#)
NP-16 21/06/2002 4 . 5 . 0 [get it](#)
NP-17 18/09/2002 4 . 6 . 0 [get it](#)
NP-20 4 . 7 . 0

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:* YOON, Sang-Ui

history (event, available, version,
draft 07/11/2000 0 . 0 . 5 [get it](#) *remarks - general:* Derived from R99-specific 23.121
SP-10 31/01/2001 1 . 0 . 0 SP-000595 [get it](#) *remarks - this release:*
draft 01/02/2001 1 . 1 . 0 [get it](#)
SP-11 06/04/2001 4 . 0 . 0 [get it](#)
SP-12 02/07/2001 4 . 1 . 0 [get it](#)
SP-16 18/06/2002 4 . 2 . 0 [get it](#)

TS 23.227 Application and user interaction in the UE; Principles and specific requirements

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
draft 06/09/2000 0 . 1 . 0 [get it](#) *remarks - general:*
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
TP-14 11/01/2002 4 . 1 . 0 [get it](#)
TP-15 26/03/2002 4 . 2 . 0 [get it](#)

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TS 23.271	Location Services (LCS); Functional description; Stage 2					
Rel-4	current version: 4.9.0	WG (prime / other):	S2 / -	rapporteur:	KÅLL, Jan	NOKIA Corporation
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	YOON, Sang-Ui	
	history (event, available, version,					
	draft 10/07/2000	0	. 1	. 0	get it	remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
	draft 14/09/2000	0	. 2	. 0	get it	remarks - this release: post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).
	SP-09 09/11/2000	1	. 0	. 0	get it	
	draft 22/11/2000	1	. 1	. 0	get it	
	SP-10	2	. 0	. 0		SP-000596
	SP-10 27/02/2001	4	. 0	. 0	get it	
	SP-11 11/04/2001	4	. 1	. 0	get it	
	SP-12 02/07/2001	4	. 2	. 0	get it	
	SP-13 15/10/2001	4	. 3	. 0	get it	
	SP-14 07/01/2002	4	. 4	. 0	get it	
	SP-15 29/03/2002	4	. 5	. 0	get it	
	SP-16 18/06/2002	4	. 6	. 0	get it	
	SP-17 24/09/2002	4	. 7	. 0	get it	
	SP-18 09/01/2003	4	. 8	. 0	get it	
	SP-20	4	. 9	. 0		
TR 23.873	Feasibility study fro 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:	YOON, Sang-Ui	
	history (event, available, version,					
	draft 12/09/2000	0	. 2	. 0	get it	remarks - general:
	draft 08/11/2000	0	. 3	. 0	get it	remarks - this release:
	draft 20/11/2000	0	. 4	. 0	get it	
	SP-10 31/01/2001	1	. 0	. 0	get it	
	draft 30/12/2000	1	. 1	. 0	get it	
	SP-11 11/04/2001	4	. 0	. 0	get it	
TR 23.908	Technical report on Pre-Paging					
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-11 04/04/2001	4	. 0	. 0	get it	remarks - general:
						remarks - this release:

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http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.909	Technical report on the Gateway Location Register					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	Chalmers			
	<i>history (event, available, version,</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 23.910	Circuit switched data bearer services					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)			
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-10 22/12/2000 4 . 1 . 0	get it				
	NP-11 06/04/2001 4 . 2 . 0	get it				
	NP-12 28/06/2001 4 . 3 . 0	get it				
	NP-14 11/01/2002 4 . 4 . 0	get it				
	NP-17 17/09/2002 4 . 5 . 0	get it				
	NP-18 06/01/2003 4 . 6 . 0	get it				
	NP-19 27/03/2003 4 . 7 . 0	get it				
<hr/>						
TR 23.911	Technical report on Out-of-band transcoder control					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 23.912	Technical report on Super-Charger					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-14 10/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			

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

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Server ACTIVE specs Rel-4 23 .- series
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TR 23.930 Iu Principles
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 11/04/2001 4 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND
G: *U:* yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
remarks - this release:

Rel-4 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration
Rel-4 *current version:* 4.1.1
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan
Peter Skov

history (event, available, version,
NP-11 06/04/2001 4 . 0 . 0
NP-19 24/03/2003 4 . 1 . 0
correction of typo 02/06/2003 4 . 1 . 1
on cover page

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-14 04/01/2002 4 . 1 . 0
NP-16 24/06/2002 4 . 2 . 0

[get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
[get it](#) *remarks - this release:*
[get it](#)

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

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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3					
Rel-4	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	NP-09 12/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to	
	NP-10 03/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	be resolved till Jun00.	
	edito 09/01/2001	4 . 1 . 1	get it			
	NP-11 06/04/2001	4 . 2 . 0	get it			
	edito 06/07/2001	4 . 2 . 1	get it		replaces missing section of table	
	NP-12 13/07/2001	4 . 3 . 0	get it			
	NP-13 04/10/2001	4 . 4 . 0	get it			
	NP-14 09/01/2002	4 . 5 . 0	get it			
	NP-15 21/03/2002	4 . 6 . 0	get it			
	NP-16 24/06/2002	4 . 7 . 0	get it			
	NP-17 17/09/2002	4 . 8 . 0	get it			
	NP-18 18/12/2002	4 . 9 . 0	get it			
	NP-19 24/03/2003	4 . 10 . 0	get it			
	NP-20	4 . 11 . 0				
<hr/>						
TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-13 03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-14 10/01/2002	4 . 2 . 0	get it			
<hr/>						
TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4	
	NP-15 19/03/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	fix headers, 28/06/2002	4 . 1 . 1	get it			
	restore missing figure					

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

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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	BOSWARTHICK, David				
<i>history (event, available, version,</i>									
	NP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link			
	NP-20	4 . 1 . 0			<i>remarks - this release:</i>	Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)			
<hr/>									
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-11 30/03/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.			
	NP-12 27/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-14 10/01/2002	4 . 2 . 0		get it					
<hr/>									
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-12 27/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-11	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	corrects 24/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>				

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TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-12 04/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-14 10/01/2002	4 . 2 . 0		get it			
	NP-16 21/06/2002	4 . 3 . 0		get it			

TS 24.081	Line Identification Supplementary Service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	corrects 24/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>		

TS 24.082	Call Forwarding supplementary service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	correct references 25/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>		

TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	correct references 25/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>		

TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	correct references 25/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>		

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TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 24.087	User-to-User Signalling (UUS); Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	correct history 23/07/2002 4 . 0 . 2	get it				
<hr/>						
TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			

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TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 24.135 Multicall supplementary service; Stage 3

Rel-4 *current version:* 4.1.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
NP-14 10/01/2002 4 . 1 . 0
correct references 25/06/2002 4 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
G: U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

Rel-4 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.101 UE Radio transmission and reception (FDD)

Rel-4 current version: 4.8.0
freeze_meeting: SP-11

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 03/10/2001 4 . 2 . 0
RP-14 14/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 01/07/2002 4 . 5 . 0
RP-18 10/01/2003 4 . 6 . 0
RP-19 04/04/2003 4 . 7 . 0
RP-20 4 . 8 . 0

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TS 25.102 UTRA (UE) TDD; Radio transmission and reception

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

history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-14 14/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 01/07/2002 4 . 5 . 0
RP-17 02/10/2002 4 . 6 . 0
RP-18 10/01/2003 4 . 7 . 0

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[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104 UTRA (BS) FDD; Radio transmission and reception

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

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-18	10/01/2003	4	.	6	.	0
RP-19	04/04/2003	4	.	7	.	0

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[get it](#) remarks - this release:
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TS 25.105 UTRA (BS) TDD: Radio transmission and reception

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

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-18	10/01/2003	4	.	6	.	0
RP-19	04/04/2003	4	.	7	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 *current version:* 4.6.0
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

history (event, available, version,

Start of work	01/08/2000	0	.	0	.	1	
RP-09	13/10/2000	1	.	0	.	0	
RP-10	21/12/2000	1	.	1	.	0	RP-000596
RP-11	10/04/2001	4	.	0	.	0	
RP-13	10/10/2001	4	.	1	.	0	
RP-16	01/07/2002	4	.	2	.	0	
RP-17	02/10/2002	4	.	3	.	0	
RP-18	10/01/2003	4	.	4	.	0	
RP-19	04/04/2003	4	.	5	.	0	
RP-20		4	.	6	.	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0	
RP-12	29/06/2001	4	.	1	.	0	
RP-13	10/10/2001	4	.	2	.	0	
RP-17	02/10/2002	4	.	3	.	0	
RP-18	10/01/2003	4	.	4	.	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

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

3GPP specification status

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.123 Requirements for support of radio resource management (TDD)

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 10/10/2001 4 . 2 . 0 [get it](#)
RP-14 16/01/2002 4 . 3 . 0 [get it](#)
RP-15 29/03/2002 4 . 4 . 0 [get it](#)
RP-16 03/07/2002 4 . 5 . 0 [get it](#)
RP-17 10/10/2002 4 . 6 . 0 [get it](#)
RP-18 10/01/2003 4 . 7 . 0 [get it](#)
RP-19 04/04/2003 4 . 8 . 0 [get it](#)
RP-20 4 . 9 . 0

TS 25.133 Requirements for support of radio resource management (FDD)

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 10/10/2001 4 . 2 . 0 [get it](#)
RP-14 17/01/2002 4 . 3 . 0 [get it](#)
RP-15 29/03/2002 4 . 4 . 0 [get it](#)
RP-16 04/07/2002 4 . 5 . 0 [get it](#)
RP-17 04/10/2002 4 . 6 . 0 [get it](#)
RP-18 10/01/2003 4 . 7 . 0 [get it](#)
RP-19 04/04/2003 4 . 8 . 0 [get it](#)
RP-20 4 . 9 . 0

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base station conformance testing (FDD)

Rel-4 current version: 4.8.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19	04/04/2003	4	.	8	.	0

WG (prime / other): R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.142 Base station conformance testing (TDD)

Rel-4 current version: 4.8.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19	04/04/2003	4	.	8	.	0

WG (prime / other): R4 / - rapporteur: MEYER, Juergen SIEMENS AG
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.143	UTRA repeater; Conformance testing					
Rel-4	current version: 4.8.0	WG (prime / other):	R4 / -	rapporteur:	KUMMETZ, Thomas	MIKOM GmbH - Mikrotechnik zur Kommunikation
	freeze_meeting: RP-11	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar	
	history (event, available, version,					
	Start of work	01/08/2000	0 . 0 . 0	get it	remarks - general:	Created by renumbering 25.107
	RP-09	12/10/2000	0 . 0 . 2	get it	remarks - this release:	Was to have been 25.107. But never was.
	RP-10	21/12/2000	1 . 0 . 0	get it		
	RP-11	10/04/2001	4 . 0 . 0	get it		
	RP-12	29/06/2001	4 . 1 . 0	get it		
	RP-13	10/10/2001	4 . 2 . 0	get it		
	RP-15	19/03/2002	4 . 3 . 0	get it		
	RP-16	03/07/2002	4 . 4 . 0	get it		
	RP-17	02/10/2002	4 . 5 . 0	get it		
	RP-18	10/01/2003	4 . 6 . 0	get it		
	RP-19	04/04/2003	4 . 7 . 0	get it		
	RP-20		4 . 8 . 0			

TS 25.201	Physical layer - general description					
Rel-4	current version: 4.3.0	WG (prime / other):	R1 / -	rapporteur:	TOSKALA, Antti	NOKIA Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	SASAKI, Tsukasa	
	history (event, available, version,					
	RP-11	05/04/2001	4 . 0 . 0	get it	remarks - general:	
	RP-14	09/01/2002	4 . 1 . 0	get it	remarks - this release:	
	RP-15	29/03/2002	4 . 2 . 0	get it		
	RP-16	28/06/2002	4 . 3 . 0	get it		

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:	WILDE, Andreas	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	SASAKI, Tsukasa	
	history (event, available, version,					
	RP-11	05/04/2001	4 . 0 . 0	get it	remarks - general:	
	RP-12	28/06/2001	4 . 1 . 0	get it	remarks - this release:	
	RP-13	08/10/2001	4 . 2 . 0	get it		
	RP-14	09/01/2002	4 . 3 . 0	get it		
	RP-15	29/03/2002	4 . 4 . 0	get it		
	RP-16	28/06/2002	4 . 5 . 0	get it		
	RP-17	27/09/2002	4 . 6 . 0	get it		

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	27/09/2002	4	.	6	.	0

WG (prime / other): R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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[get it](#)
[get it](#)

TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-14	09/01/2002	4	.	2	.	0
RP-16	28/06/2002	4	.	3	.	0

WG (prime / other): R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0
RP-19	04/04/2003	4	.	6	.	0

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0
RP-20 4 . 7 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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[get it](#)

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
history (event, available, version,

WG (prime / other): R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
G: *U:* yes *MCC:* SASAKI, Tsukasa

RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0
RP-17 27/09/2002 4 . 6 . 0
RP-18 07/01/2003 4 . 7 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd
G: *U:* yes *MCC:* SASAKI, Tsukasa

RP-11 05/04/2001 4 . 0 . 0
RP-13 08/10/2001 4 . 1 . 0
RP-14 09/01/2002 4 . 2 . 0
RP-15 29/03/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-18 07/01/2003 4 . 5 . 0

WG (*prime / other*): R1 / - *rapporteur:* VACANT,
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0
RP-17 27/09/2002 4 . 6 . 0
RP-18 07/01/2003 4 . 7 . 0
RP-19 04/04/2003 4 . 8 . 0

WG (*prime / other*): R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0
RP-20 4 . 7 . 0

WG (*prime / other*): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-14 04/01/2002 4 . 2 . 0 [get it](#)
RP-16 17/06/2002 4 . 3 . 0 [get it](#)
RP-17 18/09/2002 4 . 4 . 0 [get it](#)

TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 18/09/2002 4 . 6 . 0 [get it](#)
RP-18 20/12/2002 4 . 7 . 0 [get it](#)

TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	27/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	02/10/2001	4 . 2 . 0	get it	
RP-14	04/01/2002	4 . 3 . 0	get it	
RP-15	19/03/2002	4 . 4 . 0	get it	
RP-16	17/06/2002	4 . 5 . 0	get it	
RP-18	08/01/2003	4 . 6 . 0	get it	
RP-20		4 . 7 . 0		

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Created from 25.923
RP-12	19/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-14	04/01/2002	4 . 2 . 0	get it	
RP-15	19/03/2002	4 . 3 . 0	get it	
RP-19	25/03/2003	4 . 4 . 0	get it	
RP-20		4 . 5 . 0		

TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-12	19/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	02/10/2001	4 . 2 . 0	get it	
RP-14	04/01/2002	4 . 3 . 0	get it	
RP-15	19/03/2002	4 . 4 . 0	get it	
RP-16	17/06/2002	4 . 5 . 0	get it	
RP-18	08/01/2003	4 . 6 . 0	get it	
RP-20		4 . 7 . 0		

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-13 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-13 02/10/2001 4 . 0 . 0 [get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling
RP-14 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. requirements, R4 = RF &
RMM requirements.

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* NEMETHOVA, Olivia SIEMENS AG
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 18/09/2002 4 . 6 . 0 [get it](#)
RP-18 08/01/2003 4 . 7 . 0 [get it](#)
RP-19 25/03/2003 4 . 8 . 0 [get it](#)

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 03/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 19/09/2002 4 . 6 . 0 [get it](#)
RP-18 10/01/2003 4 . 7 . 0 [get it](#)
RP-19 25/03/2003 4 . 8 . 0 [get it](#)
RP-20 4 . 9 . 0

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	02/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16	17/06/2002	4	.	5	.	0
RP-17	18/09/2002	4	.	6	.	0

WG (prime / other): R2 / - *rapporteur:* HANS, Martin SIEMENS AG
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	27/03/2001	4	.	0	.	0
RP-16	17/06/2002	4	.	1	.	0
RP-18	13/01/2003	4	.	2	.	0
RP-19	25/03/2003	4	.	3	.	0

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version:* 4.10.0

freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*

RP-12 27/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

RP-13 08/10/2001 4 . 2 . 0 [get it](#)

replace ASN.1 16/10/2001 4 . 2 . 1 [get it](#)

RP-14 18/01/2002 4 . 3 . 0 [get it](#)

RP-15 25/03/2002 4 . 4 . 0 [get it](#)

RP-16 20/06/2002 4 . 5 . 0 [get it](#)

RP-17 20/09/2002 4 . 6 . 0 [get it](#)

Do not use this version: contains wrong ASN.1

Misimplemented 23/09/2002 4 . 7 . 0 [get it](#) v4.6.0 omitted ASN.1 in error

RP-17 CR

RP-18 03/02/2003 4 . 8 . 0 [get it](#)

RP-20 4 . 9 . 0

RP-19 27/03/2003 4 . 9 . 0 [get it](#)

RP-20 4 . 10 . 0

TS 25.401 UTRAN overall description

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Approval at TSG#5

RP-12 06/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

RP-13 12/10/2001 4 . 2 . 0 [get it](#)

RP-15 02/04/2002 4 . 3 . 0 [get it](#)

RP-16 28/06/2002 4 . 4 . 0 [get it](#)

RP-17 30/09/2002 4 . 5 . 0 [get it](#)

RP-18 03/01/2003 4 . 6 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-4	<i>current version:</i> 4.6.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> New		
	RP-12 06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-13 12/10/2001	4 . 2 . 0	get it			
	RP-14 11/01/2002	4 . 3 . 0	get it			
	RP-15 02/04/2002	4 . 4 . 0	get it			
	RP-16 28/06/2002	4 . 5 . 0	get it			
	RP-18 03/01/2003	4 . 6 . 0	get it			

TS 25.410	UTRAN Iu Interface: General Aspects and Principles					
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard		mm02 plc
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5		
	RP-12 06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-13 12/10/2001	4 . 2 . 0	get it			
	RP-14 11/01/2002	4 . 3 . 0	get it			
	RP-16 28/06/2002	4 . 4 . 0	get it			
	RP-17 30/09/2002	4 . 5 . 0	get it			

TS 25.411	UTRAN Iu interface layer 1					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.		SIEMENS AG
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-12 06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 25.412	UTRAN Iu interface signalling transport					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran		RadioScape Limited
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-17 30/09/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>		

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R3 / - *rapporteur:* JUSSILA, Jyrki NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4 . 2 . 0	get it	
RP-14	14/01/2002	4 . 3 . 0	get it	
RP-15	02/04/2002	4 . 4 . 0	get it	
RP-16	05/07/2002	4 . 5 . 0	get it	
RP-17	03/10/2002	4 . 6 . 0	get it	
RP-18	03/01/2003	4 . 7 . 0	get it	
RP-19	26/03/2003	4 . 8 . 0	get it	
RP-20		4 . 9 . 0		

TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R3 / - *rapporteur:* COMSTOCK, David Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-13	12/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-14	14/01/2002	4 . 2 . 0	get it	
RP-15	02/04/2002	4 . 3 . 0	get it	
RP-16	28/06/2002	4 . 4 . 0	get it	
RP-18	03/01/2003	4 . 5 . 0	get it	
RP-19	26/03/2003	4 . 6 . 0	get it	

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.415 UTRAN Iu interface user plane protocols

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4 . 2 . 0	get it	
RP-14	14/01/2002	4 . 3 . 0	get it	
RP-15	25/03/2002	4 . 4 . 0	get it	
RP-16	28/06/2002	4 . 5 . 0	get it	
RP-17	30/09/2002	4 . 6 . 0	get it	
RP-18	03/01/2003	4 . 7 . 0	get it	

)

WG (prime / other): R3 / - *rapporteur:* MAUPIN, Alain
G: U: yes *MCC:* KRAUSE, Joern
Telefon AB LM Ericsson

TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4 . 2 . 0	get it	
RP-14	11/01/2002	4 . 3 . 0	get it	
RP-15	25/03/2002	4 . 4 . 0	get it	
RP-16	28/06/2002	4 . 5 . 0	get it	
correct vers no. shown on doc	06/08/2002	4 . 5 . 1	get it	
RP-17	03/10/2002	4 . 6 . 0	get it	
RP-19	26/03/2003	4 . 7 . 0	get it	
RP-20		4 . 8 . 0		

)

WG (prime / other): R3 / - *rapporteur:* TAYLOR, Carolyn
G: U: yes *MCC:* KRAUSE, Joern
MOTOROLA Ltd

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-14	11/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-15	02/04/2002	4 . 2 . 0	get it	

)

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran
G: U: yes *MCC:* KRAUSE, Joern
RadioScape Limited

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.421 UTRAN Iur interface Layer 1

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
remarks - this release:

TS 25.422 UTRAN Iur interface signalling transport

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0
RP-14 11/01/2002 4 . 1 . 0
edito post RP-14 02/04/2002 4 . 1 . 1
RP-17 03/10/2002 4 . 2 . 0

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-4 *current version:* 4.9.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0
RP-12 06/07/2001 4 . 1 . 0
RP-13 12/10/2001 4 . 2 . 0
RP-14 11/01/2002 4 . 3 . 0
RP-15 02/04/2002 4 . 4 . 0
RP-16 05/07/2002 4 . 5 . 0
RP-17 11/10/2002 4 . 6 . 0
RP-18 03/01/2003 4 . 7 . 0
RP-19 31/03/2003 4 . 8 . 0
RP-20 4 . 9 . 0

WG (prime / other): R3 / - *rapporteur:* RUNE, Göran Ericsson AB
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

[get it](#)

[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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.424	UTRAN lur interface data transport & transport signalling for CCH data streams						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-14 11/01/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	RP-15 02/04/2002	4 . 2 . 0		get it			
	RP-16 28/06/2002	4 . 3 . 0		get it			

TS 25.425	UTRAN lur interface user plane protocols for CCH data streams						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-13 12/10/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	RP-14 11/01/2002	4 . 2 . 0		get it			
	RP-15 02/04/2002	4 . 3 . 0		get it			

TS 25.426	UTRAN lur and lub interface data transport & transport signalling for DCH data streams						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	KEKKI, Sami	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-14 11/01/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	RP-15 02/04/2002	4 . 2 . 0		get it			
	RP-16 28/06/2002	4 . 3 . 0		get it			
	RP-17 03/10/2002	4 . 4 . 0		get it			

TS 25.427	UTRAN lur and lub interface user plane protocols for DCH data streams						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-12 06/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	RP-13 12/10/2001	4 . 2 . 0		get it			
	RP-14 11/01/2002	4 . 3 . 0		get it			
	RP-18 03/01/2003	4 . 4 . 0		get it			

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.430 UTRAN lub Interface: General Aspects and Principles

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0
RP-12 06/07/2001 4 . 1 . 0
RP-14 11/01/2002 4 . 2 . 0
RP-16 28/06/2002 4 . 3 . 0
RP-17 03/10/2002 4 . 4 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: *U:* yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 25.431 UTRAN lub interface Layer 1

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V.
G: *U:* yes *MCC:* KRAUSE, Joern

SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release:

TS 25.432 UTRAN lub interface: signalling transport

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: *U:* yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

[get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R3 / - *rapporteur:* ISHIKAWA, Nobutaka NTT DoCoMo Inc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	get it	
edito	23/10/2001	4	.	2	.	1	get it	
RP-14	11/01/2002	4	.	3	.	0	get it	
RP-15	04/04/2002	4	.	4	.	0	get it	
RP-16	19/07/2002	4	.	5	.	0	get it	
RP-17	11/10/2002	4	.	6	.	0	get it	
RP-18	03/01/2003	4	.	7	.	0	get it	
RP-19	31/03/2003	4	.	8	.	0	get it	
RP-20		4	.	9	.	0		

TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* ALDEN, Magnus TeliaSonera AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-14	11/01/2002	4	.	2	.	0	get it	
RP-15	02/04/2002	4	.	3	.	0	get it	
RP-16	28/06/2002	4	.	4	.	0	get it	

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	get it	
RP-14	11/01/2002	4	.	3	.	0	get it	
RP-15	02/04/2002	4	.	4	.	0	get it	
RP-17	03/10/2002	4	.	5	.	0	get it	

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.442	UTRAN implementation-specific O&M transport				
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	RECKER, Stephan
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern
	history (event, available, version, RP-11 06/04/2001 4 . 0 . 0	get it		remarks - general:	Indicate persons who left Company and wait for new One
				remarks - this release:	
<hr/>					
TR 25.832	Manifestations of Handover and SRNS relocation				
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	TOWNEND, Richard
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern
	history (event, available, version, RP-11 06/04/2001 4 . 0 . 0	get it		remarks - general:	mmO2 plc
				remarks - this release:	RP-15: No upgrade to Rel-5.
<hr/>					
TR 25.834	UTRA TDD low chip rate option; Radio protocol aspects				
Rel-4	current version: 4.1.0	WG (prime / other):	R2 / -	rapporteur:	LIU, YanHui
	freeze_meeting: SP-11	G:	U: yes	MCC:	ARZELIER, Claude
	history (event, available, version, Start of work 01/07/2000 0 . 0 . 0	get it		remarks - general:	CATT
	draft 15/07/2000 0 . 0 . 1	get it		remarks - this release:	RP-15: Not to be promoted to Rel-5.
	draft 01/08/2000 0 . 1 . 0	get it			
	RP-09 01/10/2000 1 . 0 . 0	get it			
	RP-10 20/12/2000 4 . 0 . 0	get it			
	RP-11 27/03/2001 4 . 1 . 0	get it			
<hr/>					
TR 25.836	Node B synchronization for TDD				
Rel-4	current version: 4.1.0	WG (prime / other):	R1 / -	rapporteur:	OESTREICH, Stefan
	freeze_meeting: SP-11	G:	U: yes	MCC:	SASAKI, Tsukasa
	history (event, available, version, RP-10 12/01/2001 4 . 0 . 0	get it		remarks - general:	SIEMENS AG
	RP-11 05/04/2001 4 . 1 . 0	get it		remarks - this release:	RP-15: Not to be promoted to Rel-5.

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.838 Node B Synchronisation for TDD (lub/lur aspects)

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R3 / - *rapporteur:* LENHART, Johannes SIEMENS AG
freeze_meeting: SP-11 *G:* U: yes *MCC:* KRAUSE, Joern
history (event, available, version,
draft 15/07/2000 0 . 0 . 1 [get it](#) *remarks - general:*
RP-09 21/09/2000 0 . 1 . 0 [get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
RP-10 21/12/2000 0 . 1 . 1 [get it](#)
RP-11 06/04/2001 4 . 0 . 0 [get it](#)
RP-14 11/01/2002 4 . 1 . 0 [get it](#)

TR 25.840 Terminal power saving features

Rel-4 *current version:* 2.3.0 DRAFT *WG (prime / other):* R1 / - *rapporteur:* SASAKI, Tsukasa
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-09 28/09/2000 1 . 0 . 0 [get it](#) *remarks - general:*
RP-10 12/01/2001 2 . 0 . 0 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-11 05/04/2001 2 . 3 . 0 [get it](#)

TR 25.841 DSCH power control improvement in soft handover

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-09 28/09/2000 1 . 0 . 0 [get it](#) *remarks - general:*
RP-10 12/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-11 04/04/2001 4 . 1 . 0 [get it](#)

TR 25.842 Smart antenna

Rel-4 *current version:* 1.0.0 DRAFT *WG (prime / other):* R1 / - *rapporteur:* HU, Jinling CATT
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-09 12/01/2001 1 . 0 . 0 [get it](#) *remarks - general:*
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.

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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 CATT
G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-10 20/12/2000 4 . 0 . 0
RP-11 27/03/2001 4 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.

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, Ericsson AB
G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-10 20/12/2000 1 . 0 . 0 RP-000560
RP-11 27/03/2001 4 . 0 . 0
RP-13 02/10/2001 4 . 1 . 0
RP-16 17/06/2002 4 . 2 . 0
RP-17 18/09/2002 4 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)

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

history (event, available, version,
draft 10/11/2000 0 . 1 . 0
RP-10 20/12/2000 1 . 0 . 0
RP-11 27/03/2001 4 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)

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:* SASAKI, Tsukasa

history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: RP-15: Not to be promoted to Rel-5.

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.849	DSCH power control improvement in soft handover								
Rel-4	current version: 4.0.0			WG (prime / other): R3 / -	rapporteur: WOONHEE, Hwang	NOKIA Corporation			
	freeze_meeting: SP-11			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-11 06/04/2001	4 . 0 . 0		get it	remarks - general:				
					remarks - this release:	RP-15: No upgrade to Rel-5.			
<hr/>									
TR 25.850	UE positioning in UTRAN lub/lur protocol aspects								
Rel-4	current version: 4.3.0			WG (prime / other): R3 / -	rapporteur: HAUTALA, Jari	NOKIA Corporation			
	freeze_meeting: SP-11			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-10 21/12/2000	0 . 0 . 2	RP-000658	get it	remarks - general:				
	draft 21/12/2000	0 . 1 . 0		get it	remarks - this release:	RP-15: No upgrade to Rel-5.			
	RP-11 06/04/2001	4 . 0 . 0		get it					
	RP-12 06/07/2001	4 . 1 . 0		get it					
	RP-13 12/10/2001	4 . 2 . 0		get it					
	RP-14 11/01/2002	4 . 3 . 0		get it					
<hr/>									
TR 25.851	RAB Quality of Service (QoS) Renegotiation over lu								
Rel-4	current version: 4.0.0			WG (prime / other): R3 /	rapporteur: IRWIN, Sania	MOTOROLA GmbH			
	freeze_meeting: SP-11			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-10 21/12/2000	0 . 0 . 2	RP-000660	get it	remarks - general:				
	RP-11 06/04/2001	4 . 0 . 0		get it	remarks - this release:	RP-15: No upgrade to Rel-5.			
<hr/>									
TR 25.853	Delay budget within the access stratum								
Rel-4	current version: 4.0.0			WG (prime / other): R3 / -	rapporteur: DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One			
	freeze_meeting: RP-11			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	RP-11 06/04/2001	4 . 0 . 0		get it	remarks - general:	Was 25.932. Approved and renumbered at TSG#10.			
					remarks - this release:	RP-15: No upgrade to Rel-5.			

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.921 Guidelines and principles for protocol description and error handling

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-18 13/01/2003 4 . 5 . 0 [get it](#)

TR 25.922 Radio Resource Management Strategies

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-15 19/03/2002 4 . 2 . 0 [get it](#)

TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer

Rel-4 *current version:* 4.0.1 *WG (prime / other):* R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-07 0 . 0 . 2 RP-000091 *remarks - general:* Created R1#10, Jan 99.
RP-07 15/03/2000 0 . 0 . 3 RP-000158 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-08 0 . 2 . 0
RP-08 23/06/2000 1 . 0 . 0 [get it](#)
RP-09 11/01/2001 1 . 1 . 0 [get it](#)
RP-11 06/04/2001 4 . 0 . 0 [get it](#)
edito 10/04/2001 4 . 0 . 1 [get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-07
history (event, available, version,

RP-11	30/03/2001	4	.	0	.	0
RP-12	05/07/2001	4	.	1	.	0
RP-14	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0

WG (prime / other): R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TR 25.934 AAL2 QoS optimization

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,

draft	25/04/2000	0	.	0	.	0
draft	16/05/2000	0	.	0	.	1
RP-09	28/09/2000	0	.	2	.	0
RP-10	21/12/2000	0	.	2	.	1
RP-11	06/04/2001	4	.	0	.	0

 RP-000646

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki J-Phone Co., Ltd.
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)

TR 25.935 RRM optimisation

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

Start of work	01/08/2000	0	.	0	.	0
draft	15/07/2000	0	.	0	.	1
R3-15	15/08/2000	0	.	1	.	0
RP-10	21/12/2000	0	.	1	.	1
draft	16/10/2000	1	.	0	.	0
RP-11	06/04/2001	4	.	0	.	0
RP-15	25/03/2002	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* VAN LIESHOUT, ERICSSON EUROLAB NETHERLANDS BV
Gert-Jan
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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:* KRAUSE, Joern

history (event, available, version,
Start of work 01/07/2000 0 . 0 . 0
draft 15/07/2000 0 . 0 . 1
R3-15 01/09/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 3 . 0
RP-11 06/04/2001 4 . 0 . 0
formatting 09/01/2002 4 . 0 . 1
corrections

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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:* KRAUSE, Joern

history (event, available, version,
draft 01/08/2000 0 . 0 . 0
draft 15/08/2000 0 . 0 . 1
R3-15 30/08/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 3 . 1 RP-000686
RP-11 06/04/2001 4 . 0 . 0
RP-13 12/10/2001 4 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

TR 25.942 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

history (event, available, version,
RP-11 10/10/2001 4 . 0 . 0 expected post RP-12
RP-14 14/01/2002 4 . 1 . 0
RP-16 03/07/2002 4 . 2 . 0

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.
[get it](#) *remarks - this release:*
[get it](#)

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.943	Deployment aspects								
Rel-4	current version: 4.2.0			WG (prime / other): R4 / -	rapporteur: SKÖLD, Johan	Telefon AB LM Ericsson			
	freeze_meeting: RP-12			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	R4-09	0 . 0 . 1						remarks - general:	
	R4-11	0 . 1 . 0						remarks - this release:	
	RP-08 23/06/2000	2 . 0 . 0							get it
	RP-12	2 . 1 . 0	RP-010437						
	RP-12 29/06/2001	4 . 0 . 0							get it
	RP-14 16/01/2002	4 . 1 . 0							get it
	RP-16 03/07/2002	4 . 2 . 0							get it
<hr/>									
TR 25.944	Channel coding and multiplexing examples								
Rel-4	current version: 4.1.0			WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation			
	freeze_meeting: SP-11			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version,								
	RP-11 06/04/2001	4 . 0 . 0						remarks - general: Created Jan 2000 (aka R1.04)	
	edito 10/04/2001	4 . 0 . 1						remarks - this release: RP-15: Not to be promoted to Rel-5.	
	RP-12 28/06/2001	4 . 1 . 0							get it
<hr/>									
TR 25.945	RF requirements for low chip rate TDD option								
Rel-4	current version: 4.1.1			WG (prime / other): R4 / -	rapporteur: ZHANG, Daijun	CATT			
	freeze_meeting: SP-11			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-09	0 . 3 . 0						remarks - general:	
	RP-10 21/12/2000	2 . 0 . 0	RP-000678					remarks - this release:	
	RP-11 28/05/2001	4 . 0 . 0	Cosmetically too nasty to publish as ETSI TR (TS??)						get it
	RP-13 10/10/2001	4 . 1 . 0							get it
	fix layout prob 10/10/2001	4 . 1 . 1							get it

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.946	RAB Quality of Service (QoS) Negotiation over Lu								
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	MOLANDER, Anders	Telefon AB LM Ericsson			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern				
history (event, available, version,									
draft	15/08/2000			get it	remarks - general:				
R3-15	30/08/2000			get it	remarks - this release:	RP-15: No upgrade to Rel-5.			
RP-10	21/12/2000			get it					RP-000656
RP-11	06/04/2001			get it					4 . 0 . 1
									0 . 1 . 0
									0 . 1 . 1
									4 . 0 . 0
TR 25.950	UTRA high speed downlink packet access								
Rel-4	current version: 4.0.0	WG (prime / other):	R2 / -	rapporteur:	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	freeze_meeting: SP-11	G:	U: yes	MCC:	ARZELIER, Claude				
history (event, available, version,									
draft	07/11/2000			get it	remarks - general:				
RP-11	27/03/2001			get it	remarks - this release:	RP-15: Not to be promoted to Rel-5.			
									0 . 0 . 0
									4 . 0 . 0
TR 25.953	TrFO/TFO								
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	VESELY, Alexander	SIEMENS AG			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern				
history (event, available, version,									
RP-10	21/12/2000			get it	remarks - general:				
RP-11	06/04/2001			get it	remarks - this release:	RP-15: No upgrade to Rel-5.			
									0 . 0 . 3
									4 . 0 . 0
TR 25.954	Migration to modification procedure								
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	YOSHIMURA, Takayuki	J-Phone Co., Ltd.			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern				
history (event, available, version,									
RP-11	06/04/2001			get it	remarks - general:				
					remarks - this release:	RP-15: No upgrade to Rel-5.			
									4 . 0 . 0
TR 25.956	UTRA repeater: Planning guidelines and system analysis								
Rel-4	current version: 4.0.0	WG (prime / other):	R4 / -	rapporteur:	GARCIA LOPEZ, Lorena	TELEFONICA DE ESPAÑA SA			
	freeze_meeting: RP-11	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar				
history (event, available, version,									
RP-11	10/04/2001			get it	remarks - general:	.			
					remarks - this release:				
									4 . 0 . 0

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

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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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:* 4.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-18 13/01/2003 4 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

Rel-4 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0
[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release:

TS 26.073 AMR speech Codec; C-source code
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0
SP-14 09/01/2002 4 . 1 . 0
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 26.074 AMR speech Codec; Test sequences
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0
corected tests 04/07/2001 4 . 0 . 1
[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:*

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TS 26.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.090	AMR speech Codec; Transcoding Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 07/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.091	AMR speech Codec; Error concealment of lost frames					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-10 21/12/2000 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	

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TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0			get it <i>remarks - general:</i> Transfer>TSG#4		
				<i>remarks - this release:</i>		
<hr/>						
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0			get it <i>remarks - general:</i>		
	SP-12 27/06/2001 4 . 1 . 0			get it <i>remarks - this release:</i>		
	SP-15 28/03/2002 4 . 2 . 0			get it		
<hr/>						
TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0			get it <i>remarks - general:</i>		
	SP-19 04/04/2003 4 . 1 . 0			get it <i>remarks - this release:</i>		
<hr/>						
TS 26.103	Speech codec list for GSM and UMTS					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10 21/12/2000 4 . 0 . 0			get it <i>remarks - general:</i> New after TSG#5		
	SP-11 10/04/2001 4 . 1 . 0			get it <i>remarks - this release:</i>		
	SP-14 09/01/2002 4 . 2 . 0			get it		
	SP-16 28/06/2002 4 . 3 . 0			get it		

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TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
	SP-10 21/12/2000	4 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-12 27/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	bug fix 29/06/2001	4 . 1 . 1		get it		
	SP-13 02/10/2001	4 . 2 . 0		get it		
	SP-15 28/03/2002	4 . 3 . 0		get it		
	SP-19 04/04/2003	4 . 4 . 0		get it		
	SP-20	4 . 5 . 0				

TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
	SP-09 10/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-11 10/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	

TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> CR at TSG#5	
					<i>remarks - this release:</i>	

TS 26.115	Echo control for speech and multi-media services					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> Derived from 26.914 R99.	

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TS 26.131	Terminal acoustic characteristics for telephony; Requirements					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-13 02/10/2001 4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-17 24/09/2002 4 . 2 . 0		get it			
<hr/>						
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-13 02/10/2001 4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-15 28/03/2002 4 . 2 . 0		get it			
	SP-17 24/09/2002 4 . 3 . 0		get it			
<hr/>						
TS 26.233	End-to-end transparent streaming service; General description					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	draft 02/11/2000 0 . 1 . 0		get it	<i>remarks - general:</i>		
	SP-10 21/12/2000 1 . 0 . 0		get it	<i>remarks - this release:</i>		
	SP-11 10/04/2001 4 . 0 . 0		get it			
	SP-14 09/01/2002 4 . 1 . 0		get it			
	SP-15 28/03/2002 4 . 2 . 0		get it			

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TS 26.234	Transparent end-to-end transparent streaming service; Protocols and codecs					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	FRANCESCHI, Olle	Nippon Ericsson K.K.
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
draft	19/10/2000	0 . 0 . 1		get it	<i>remarks - general:</i>	
draft	26/10/2000	0 . 0 . 2		get it	<i>remarks - this release:</i>	
draft	02/11/2000	0 . 0 . 3		get it		
SP-10	21/12/2000	1 . 0 . 0	SP-000566	get it		
SP-11	10/04/2001	4 . 0 . 0		get it		
SP-13	02/10/2001	4 . 1 . 0		get it		
SP-14	09/01/2002	4 . 2 . 0		get it		
SP-15	28/03/2002	4 . 3 . 0		get it		
SP-16	28/06/2002	4 . 4 . 0		get it		
SP-18	03/01/2003	4 . 5 . 0		get it		

TR 26.901	AMR wideband speech codec; Feasibility study report					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	OHANA, Alain	Cingular Wireless LLC
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
SP-07	17/03/2000	2 . 0 . 0		get it	<i>remarks - general:</i>	
SP-07	17/03/2000	4 . 0 . 0		get it	<i>remarks - this release:</i>	
edito	26/04/2000	4 . 0 . 1		get it		

TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HAAVISTO, Petri	Nokia Research Center
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
SP-10	21/12/2000	4 . 0 . 0		get it	<i>remarks - general:</i>	
SP-11	10/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	
SP-19	04/04/2003	4 . 2 . 0		get it		

TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	FRANCESCHI, Olle	Nippon Ericsson K.K.
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
SP-11	10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	2002-06-18: not useful to upgrade to Rel-5?

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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:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
SP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

TR 26.978 Results of the 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
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.078
remarks - this release: Replaces 26.078

Rel-4 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Rel-4 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-08 28/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-09 23/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-10 04/01/2001 4 . 2 . 0 [get it](#)
NP-11 05/04/2001 4 . 3 . 0 [get it](#)
NP-12 04/07/2001 4 . 4 . 0 [get it](#)
NP-13 10/10/2001 4 . 5 . 0 [get it](#)
NP-14 11/01/2002 4 . 6 . 0 [get it](#)
NP-15 20/03/2002 4 . 7 . 0 [get it](#)
NP-17 17/09/2002 4 . 8 . 0 [get it](#)
NP-19 27/03/2003 4 . 9 . 0 [get it](#)
NP-20 4 . 10 . 0

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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):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-09 (probably) 12/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-10 22/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 02/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

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:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 04/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-16 25/06/2002 4 . 2 . 0 [get it](#)

TS 27.007 AT command set for 3G User Equipment (UE)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-09 11/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-12 04/07/2001 4 . 2 . 0 [get it](#)
TP-14 15/01/2002 4 . 3 . 0 [get it](#)
TP-15 04/04/2002 4 . 4 . 0 [get it](#)
TP-18 20/12/2002 4 . 5 . 0 [get it](#)
TP-19 31/03/2003 4 . 6 . 0 [get it](#)

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

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TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	BROOK, Richard	SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-13 04/10/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-15 25/03/2002	4 . 2 . 0		get it					

TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	WILD, Johanna	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	GPRS			
	NP-16 24/06/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-17 17/09/2002	4 . 2 . 0		get it					
	NP-20	4 . 3 . 0							

TS 27.103	Wide Area Network Synchronization								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	CHAU, Alan	NOKIA UK Ltd			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

TR 27.901	Report on Terminal Interfaces - An Overview								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-11	<i>G: U: yes</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-15 26/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>				

TR 27.903	Discussion of synchronization standards								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> SP-11	<i>G: U: yes</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	TP-15: Not to be promoted to Rel-5.			

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

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Server ACTIVE specs Rel-4 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,

SP-05	13/10/1999	0 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4
SP-09	18/10/2000	0 . 0 . 3		get it	<i>remarks - this release:</i> TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.
SP-10	21/12/2000	1 . 0 . 0	NP-000568	get it	
draft	08/02/2001	1 . 1 . 0		get it	
SP-11	10/04/2001	4 . 0 . 0		get it	
SP-12	27/06/2001	4 . 1 . 0		get it	
edito	01/10/2001	4 . 1 . 1		get it	
SP-14	09/01/2002	4 . 2 . 0		get it	
SP-15	28/03/2002	4 . 3 . 0		get it	
SP-16	28/06/2002	4 . 4 . 0		get it	
SP-18	03/01/2003	4 . 5 . 0		get it	

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

Rel-4 current version: 4.12.0

freeze_meeting: SP-11

history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0
edito	04/08/2000	4	.	0	.	1
edito	11/08/2000	4	.	0	.	2
NP-09	26/10/2000	4	.	1	.	0
NP-10	20/12/2000	4	.	2	.	0
edito	01/02/2001	4	.	2	.	1
NP-11	06/04/2001	4	.	3	.	0
NP-12	06/07/2001	4	.	4	.	0
edito	16/08/2001	4	.	4	.	1
NP-13	03/10/2001	4	.	5	.	0
NP-14	18/01/2002	4	.	6	.	0
NP-15	04/04/2002	4	.	7	.	0
NP-16	21/06/2002	4	.	8	.	0
NP-17	24/09/2002	4	.	9	.	0
NP-18	09/01/2003	4	.	10	.	0
NP-19	04/04/2003	4	.	11	.	0
NP-20		4	.	12	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general:
[get it](#) remarks - this release:

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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: 4.8.0

freeze_meeting: SP-11

history (event, available, version,

NP-09	12/10/2000	4	.	0	.	0
NP-10	04/01/2001	4	.	1	.	0
NP-11	29/03/2001	4	.	2	.	0
NP-14	11/01/2002	4	.	3	.	0
NP-16	24/06/2002	4	.	4	.	0
NP-17	17/09/2002	4	.	5	.	0
NP-18	09/01/2003	4	.	6	.	0
NP-19	27/03/2003	4	.	7	.	0
NP-20		4	.	8	.	0

WG (prime / other): N3 / -

G: yes U: yes

rapporteur: KLEHN, Norbert

MCC:

BOSWARTHICK, David

SIEMENS AG

[get it](#) remarks - general:
[get it](#) remarks - this release:

[get it](#)

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

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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	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.6.0WG (<i>prime / other</i>):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo			
	TeliaSonera AB								
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-11 30/03/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4 (transfer??)			
	NP-12 06/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-14 11/01/2002	4 . 2 . 0		get it					
	NP-16 21/06/2002	4 . 3 . 0		get it					
	NP-17 18/09/2002	4 . 4 . 0		get it					
	NP-18 07/01/2003	4 . 5 . 0		get it					
	NP-20	4 . 6 . 0							
<hr/>									
TS 29.011	Signalling Interworking for Supplementary Services								
Rel-4	<i>current version:</i> 4.0.1	WG (<i>prime / other</i>):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	correct references 25/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>				
<hr/>									
TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
Rel-4	<i>current version:</i> 4.0.1	WG (<i>prime / other</i>):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	update references 24/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>				
<hr/>									
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification								
Rel-4	<i>current version:</i> 4.1.0	WG (<i>prime / other</i>):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-16 26/06/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>				

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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	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-13 03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-14 04/01/2002	4 . 2 . 0	get it		
	NP-15 19/03/2002	4 . 3 . 0	get it		
	NP-16 26/06/2002	4 . 4 . 0	get it		

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-12 04/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-13 03/10/2001	4 . 2 . 0	get it		
	NP-14 11/01/2002	4 . 3 . 0	get it		
	NP-15 28/03/2002	4 . 4 . 0	get it		
	NP-17 18/09/2002	4 . 5 . 0	get it		
	NP-18 07/01/2003	4 . 6 . 0	get it		
	NP-19 04/04/2003	4 . 7 . 0	get it		
	NP-20	4 . 8 . 0			

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the
	NP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	Public Land Mobile Network (PLMN) supporting GPRS and Packet".
	NP-13 12/10/2001	4 . 2 . 0	get it		
	NP-14 14/01/2002	4 . 3 . 0	get it		
	NP-15 20/03/2002	4 . 4 . 0	get it		
	NP-16 02/07/2002	4 . 5 . 0	get it		
	NP-18 09/01/2003	4 . 6 . 0	get it		
	NP-19 27/03/2003	4 . 7 . 0	get it		
	NP-20	4 . 8 . 0			

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

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TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version,</i>					
NP-11	29/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
NP-12	03/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 3
NP-13	03/10/2001	4 . 2 . 0	get it		
NP-14	04/01/2002	4 . 3 . 0	get it		
NP-15	19/03/2002	4 . 4 . 0	get it		
NP-16	17/06/2002	4 . 5 . 0	get it		
NP-17	17/09/2002	4 . 6 . 0	get it		
NP-18	18/12/2002	4 . 7 . 0	get it		
NP-19	25/03/2003	4 . 8 . 0	get it		

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
<i>history (event, available, version,</i>					
RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)
RP-13	12/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
RP-16	28/06/2002	4 . 2 . 0	get it		
RP-18	03/01/2003	4 . 3 . 0	get it		
RP-19	26/03/2003	4 . 4 . 0	get it		

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>					
NP-11	04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	New after TSG#5
				<i>remarks - this release:</i>	

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>					
NP-09	25/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	New after TSG#5
				<i>remarks - this release:</i>	

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

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Server 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:* 4.3.2 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
edito 20/03/2002 4 . 3 . 1 [get it](#)
edito (references 31/03/2003 4 . 3 . 2 [get it](#)
etc)

TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-19 31/03/2003 4 . 5 . 0 [get it](#)
NP-20 4 . 6 . 0

TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy Lucent Technologies Network Systems UK
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-16 05/07/2002 4 . 5 . 0 [get it](#)
NP-17 01/10/2002 4 . 6 . 0 [get it](#)
NP-19 31/03/2003 4 . 7 . 0 [get it](#)
NP-20 4 . 8 . 0

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

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TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11		1 . 0 . 0		<i>remarks - general:</i>
edito	27/03/2001	1 . 0 . 1	get it	<i>remarks - this release:</i>
NP-12		2 . 0 . 0		
NP-12	29/06/2001	4 . 0 . 0	get it	
NP-13	12/10/2001	4 . 1 . 0	get it	
NP-14	08/01/2002	4 . 2 . 0	get it	
NP-15	20/03/2002	4 . 3 . 0	get it	
NP-16	05/07/2002	4 . 4 . 0	get it	
NP-17	01/10/2002	4 . 5 . 0	get it	
NP-19	31/03/2003	4 . 6 . 0	get it	
NP-20		4 . 7 . 0		

TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
NP-13	08/10/2001	4 . 2 . 0	get it	
NP-14	08/01/2002	4 . 3 . 0	get it	
NP-15	20/03/2002	4 . 4 . 0	get it	
NP-17	01/10/2002	4 . 5 . 0	get it	
NP-19	31/03/2003	4 . 6 . 0	get it	
NP-20		4 . 7 . 0		

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

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TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
IDL file corrected	12/07/2001	4	.	1	.	1	get it
NP-13	08/10/2001	4	.	2	.	0	get it
edito	12/10/2001	4	.	2	.	1	get it
NP-14	08/01/2002	4	.	3	.	0	get it
NP-15	20/03/2002	4	.	4	.	0	get it
NP-19	31/03/2003	4	.	5	.	0	get it

TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it
NP-14	08/01/2002	4	.	3	.	0	get it
NP-15	20/03/2002	4	.	4	.	0	get it
NP-19	31/03/2003	4	.	5	.	0	get it

TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it
NP-14	08/01/2002	4	.	3	.	0	get it
NP-15	20/03/2002	4	.	4	.	0	get it
NP-17	01/10/2002	4	.	5	.	0	get it
NP-19	31/03/2003	4	.	6	.	0	get it
NP-20		4	.	7	.	0	

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

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TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 1 . 0 . 0 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 29/06/2001 4 . 0 . 0 [get it](#)
NP-13 08/10/2001 4 . 1 . 0 [get it](#)
NP-14 08/01/2002 4 . 2 . 0 [get it](#)
NP-15 20/03/2002 4 . 3 . 0 [get it](#)
NP-19 31/03/2003 4 . 4 . 0 [get it](#)

TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 1 . 0 . 0 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 29/06/2001 4 . 0 . 0 [get it](#)
NP-13 08/10/2001 4 . 1 . 0 [get it](#)
NP-14 08/01/2002 4 . 2 . 0 [get it](#)
NP-15 20/03/2002 4 . 3 . 0 [get it](#)
NP-19 31/03/2003 4 . 4 . 0 [get it](#)

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):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 *remarks - general:*
edito 09/05/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
NP-13 03/10/2001 4 . 1 . 0 [get it](#)
correct references 25/06/2002 4 . 1 . 1 [get it](#)
NP-17 18/09/2002 4 . 2 . 0 [get it](#)
NP-18 07/01/2003 4 . 3 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3					
Rel-4	current version: 4.2.0	WG (prime / other):	N4 /	rapporteur:	HEIDERMARK, Alf	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-11	30/03/2001	4	. 0	. 0	get it	remarks - general:
NP-12	04/07/2001	4	. 1	. 0	get it	remarks - this release:
NP-13	03/10/2001	4	. 2	. 0	get it	

TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3					
Rel-4	current version: 4.8.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: SP-11	G:	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
history (event, available, version,						
NP-10	12/01/2001	1	. 0	. 0	get it	remarks - general: Additional rapporteur: Laura.Pomponi@CSELT.IT
NP-11	30/03/2001	4	. 0	. 0	get it	remarks - this release:
NP-12	04/07/2001	4	. 1	. 0	get it	
NP-13	05/10/2001	4	. 2	. 0	get it	
NP-14	11/01/2002	4	. 3	. 0	get it	
NP-15	28/03/2002	4	. 4	. 0	get it	
NP-16	21/06/2002	4	. 5	. 0	get it	
NP-17	18/09/2002	4	. 6	. 0	get it	
NP-18	07/01/2003	4	. 7	. 0	get it	
NP-20		4	. 8	. 0		

TS 29.414	Core network Nb data transport and transport signalling					
Rel-4	current version: 4.4.0	WG (prime / other):	N3 / -	rapporteur:	BELLING, Thomas	SIEMENS AG
	freeze_meeting: SP-11	G:	U: yes	MCC:	BOSWARTHICK, David	
history (event, available, version,						
NP-11	06/04/2001	4	. 0	. 0	get it	remarks - general:
NP-12	28/06/2001	4	. 1	. 0	get it	remarks - this release:
NP-13	03/10/2001	4	. 2	. 0	get it	
NP-14	11/01/2002	4	. 3	. 0	get it	
NP-15	20/03/2002	4	. 4	. 0	get it	

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

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http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.415	Core network Nb interface user plane protocols								
Rel-4	current version: 4.3.0			WG (prime / other):	N3 / -	rapporteur:	SANDERS, David	VODAFONE Group Plc	
	freeze_meeting: SP-11			G:	U: yes	MCC:	BOSWARTHICK, David		
	history (event, available, version,								
	NP-11 06/04/2001	4 . 0 . 0				get it	remarks - general:		
	NP-13 03/10/2001	4 . 1 . 0				get it	remarks - this release:		
	NP-14 11/01/2002	4 . 2 . 0				get it			
	NP-19 27/03/2003	4 . 3 . 0				get it			

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):	N1 / RP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-11			G: yes	U: yes	MCC:	Peter Skov		
	history (event, available, version,						JORGENSEN, Per Johan		
	NP-16 26/06/2002	4 . 0 . 0				get it	remarks - general:	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to	
	edito post NP-18 16/12/2002	4 . 0 . 1	minor editorials to change style from TS to TR.			get it	remarks - this release:	. latest Release version.	

TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping								
Rel-4	current version: 4.0.0			WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	freeze_meeting: SP-11			G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,								
	NP-11 02/04/2001	4 . 0 . 0				get it	remarks - general:		
							remarks - this release:		

TR 29.998-04-	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):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	freeze_meeting: NP-11			G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,								
	NP-11 02/04/2001	4 . 0 . 0				get it	remarks - general:		
	NP-12 29/06/2001	4 . 1 . 0				get it	remarks - this release:		
	NP-13 05/10/2001	4 . 2 . 0				get it			

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-05- 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):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 29.998-05- 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):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 26/03/2001 1 . 0 . 0 [get it](#) *remarks - general:*
edito 02/04/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 2 . 0 . 0
NP-12 29/06/2001 4 . 0 . 0 [get it](#)

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):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

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Server ACTIVE specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* 4.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 07/04/2003 4 . 0 . 2 Technically identical to 30.002 v4.0.1. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG
remarks - this release: . 3.0x series.

Rel-4 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-21 *G: yes U: yes* *MCC:* DIETZE, Claus
history (event, available, version,
remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: SP-11 *G: U: yes* *MCC:* DIETZE, Claus
history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 02/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM Application

Rel-4 *current version:* 4.9.0

freeze_meeting: SP-11

history (event, available, version,

TP-11 09/04/2001 4 . 0 . 0

TP-12 23/07/2001 4 . 1 . 0

TP-13 11/10/2001 4 . 2 . 0

TP-14 17/01/2002 4 . 3 . 0

TP-15 28/03/2002 4 . 4 . 0

TP-16 28/06/2002 4 . 5 . 0

TP-17 25/09/2002 4 . 6 . 0

TP-18 02/01/2003 4 . 7 . 0

TP-19 01/04/2003 4 . 8 . 0

TP-20 4 . 9 . 0

WG (prime / other): T3 / - *rapporteur:* HEIM, Christian

G: *U:* yes *MCC:* DIETZE, Claus

GIESECKE & DEVRIENT GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 31.110 Numbering system for telecommunication IC card applications

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version,

TP-11 16/05/2001 4 . 0 . 0 late due to reversal of original T3
decision to scrap in favour of an ETSI
SCP deliverable only

TP-14 16/01/2002 4 . 1 . 0

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian

G: *U:* yes *MCC:* DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May
remarks - this release: 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS
101 220.

[get it](#)

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

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)					
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-09 18/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.	
	TP-10 05/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	TP-11 09/04/2001	4 . 2 . 0	get it			
	edito 10/04/2001	4 . 2 . 1	get it			
	TP-12 06/07/2001	4 . 3 . 0	get it			
	TP-13 12/10/2001	4 . 4 . 0	get it			
	TP-14 16/01/2002	4 . 5 . 0	get it			
	TP-15 28/03/2002	4 . 6 . 0	get it			
	TP-16 28/06/2002	4 . 7 . 0	get it			
	TP-17 18/09/2002	4 . 8 . 0	get it			
	TP-18 02/01/2003	4 . 9 . 0	get it			
	TP-19 04/04/2003	4 . 10 . 0	get it			

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	Orga Test Systems Gmbh		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP	
				<i>remarks - this release:</i>	Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.	

TS 31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> AFCHAR, Ramin	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-12 06/07/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 2)	
	TP-16 19/06/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	TP-17 18/09/2002	4 . 2 . 0	get it			
	TP-18 02/01/2003	4 . 3 . 0	get it			
	TP-19 26/03/2003	4 . 4 . 0	get it			
	TP-20	4 . 5 . 0	get it			

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,

remarks - general: based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was
remarks - this release: split into two parts

Rel-4 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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

history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0
edito 11/04/2001 4 . 0 . 1
SP-12 03/07/2001 4 . 1 . 0
SP-13 05/10/2001 4 . 2 . 0
edito 26/03/2002 4 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0
SP-12 03/07/2001 4 . 1 . 0
SP-13 05/10/2001 4 . 2 . 0
SP-19 31/03/2003 4 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
edito (layout and 07/01/2003 4 . 0 . 1 [get it](#) *remarks - this release:*
references)

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-14 11/01/2002 4 . 2 . 0 [get it](#)
SP-15 26/03/2002 4 . 3 . 0 [get it](#)
SP-17 18/09/2002 4 . 4 . 0 [get it](#)
SP-18 09/01/2003 4 . 5 . 0 [get it](#)
SP-19 31/03/2003 4 . 6 . 0 [get it](#)

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 26/03/2002 4 . 2 . 0 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
SP-17 20/09/2002 4 . 4 . 0 [get it](#)
SP-18 09/01/2003 4 . 5 . 0 [get it](#)
SP-19 01/04/2003 4 . 6 . 0 [get it](#)

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-13	05/10/2001	4	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-14	11/01/2002	4	.	1	.	0	get it <i>remarks - this release:</i>
SP-15	26/03/2002	4	.	2	.	0	get it
SP-16	20/06/2002	4	.	3	.	0	get it
SP-18	09/01/2003	4	.	4	.	0	get it
SP-19	01/04/2003	4	.	5	.	0	get it

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-12	18/06/2001	1	.	0	.	1	SP-010236	get it <i>remarks - general:</i>
SP-13	01/10/2001	2	.	0	.	0	SP-010464	get it <i>remarks - this release:</i> Had been indicated as approved at SP-12, but this was erroneous.
SP-13	05/10/2001	4	.	0	.	0		get it
SP-15	26/03/2002	4	.	1	.	0		get it
SP-16	20/06/2002	4	.	2	.	0		get it
SP-18	06/01/2003	4	.	3	.	0		get it
SP-19	02/04/2003	4	.	4	.	0		get it

TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-11	29/03/2001	1	.	0	.	0		get it <i>remarks - general:</i>
SP-12	18/06/2001	1	.	1	.	1	SP-010236	get it <i>remarks - this release:</i>
SP-13	26/09/2001	2	.	0	.	0	SP-010464	get it
SP-13	09/10/2001	4	.	0	.	0		get it
SP-15	26/03/2002	4	.	1	.	0		get it
edito post SP-15	27/03/2002	4	.	1	.	1		get it
SP-16	20/06/2002	4	.	2	.	0		get it
SP-18	09/01/2003	4	.	3	.	0		get it
SP-19	02/04/2003	4	.	4	.	0		get it

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain				
Rel-4	current version: 4.4.0	WG (prime / other): S5 /	rapporteur: ALEXANDER, Benni	NOKIA Corporation	
	freeze_meeting: SP-11	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
SP-12	18/06/2001	1 . 0 . 1	SP-010236	get it	remarks - general:
SP-13	01/10/2001	2 . 0 . 0	SP-010464	get it	remarks - this release:
SP-13	09/10/2001	4 . 0 . 0		get it	
SP-14	11/01/2002	4 . 1 . 0		get it	
SP-15	26/03/2002	4 . 2 . 0		get it	
edito post SP-15	27/03/2002	4 . 2 . 1		get it	
SP-16	20/06/2002	4 . 3 . 0		get it	
SP-18	09/01/2003	4 . 4 . 0		get it	

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		
history (event, available, version,					
SP-12	18/06/2001	1 . 0 . 1	SP-010236	get it	remarks - general:
SP-13	01/10/2001	2 . 0 . 0	SP-010464	get it	remarks - this release: .
SP-13	08/10/2001	4 . 0 . 0		get it	
SP-15	26/03/2002	4 . 1 . 0		get it	
SP-16	20/06/2002	4 . 2 . 0		get it	
SP-17	18/09/2002	4 . 3 . 0		get it	
SP-18	07/01/2003	4 . 4 . 0		get it	
SP-19	02/04/2003	4 . 5 . 0		get it	
SP-20		4 . 6 . 0			

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: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
SP-12	18/06/2001	2 . 0 . 0	SP-010283	get it	remarks - general: Replaces 32.106-8 (pars)
SP-12	03/07/2001	4 . 0 . 0		get it	remarks - this release: .
SP-14	11/01/2002	4 . 1 . 0		get it	
edito post SP-18	13/01/2003	4 . 1 . 1		get it	

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

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TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements				
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-1	
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
edito	26/03/2002	4 . 0 . 1	get it		
edito post	SP-18 13/01/2003	4 . 0 . 2	get it		
<hr/>					
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-2	
SP-12	04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-14	11/01/2002	4 . 1 . 0	get it		
edito post	SP-18 13/01/2003	4 . 1 . 1	get it		
SP-20		4 . 2 . 0			
<hr/>					
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-3	
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-13	05/10/2001	4 . 1 . 0	get it		
SP-15	26/03/2002	4 . 2 . 0	get it		
SP-17	19/09/2002	4 . 3 . 0	get it		
edito post	SP-17 01/10/2002	4 . 3 . 1	get it		
edito post	SP-18 13/01/2003	4 . 3 . 2	get it		
SP-19	31/03/2003	4 . 4 . 0	get it		

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

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TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.301-4
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-15 26/03/2002 4 . 2 . 0 [get it](#)
edito post SP-18 13/01/2003 4 . 2 . 1 [get it](#)

TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

Rel-4 *current version:* 4.0.2 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.112-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
edito 12/07/2001 4 . 0 . 1 [get it](#)
edito post SP-18 13/01/2003 4 . 0 . 2 [get it](#)

TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
edito post SP-18 13/01/2003 4 . 0 . 1 [get it](#)

TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
freeze_meeting: SP-13 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 20/06/2001 1 . 0 . 0 [get it](#) *remarks - general:* was 32.104 (pars)
edito 27/06/2001 1 . 0 . 1 [get it](#) *remarks - this release:* .
SP-13 11/10/2001 2 . 0 . 0 SP-010467 [get it](#)
SP-13 05/10/2001 4 . 0 . 0 [get it](#)
SP-14 11/01/2002 4 . 1 . 0 [get it](#)
SP-17 18/09/2002 4 . 2 . 0 [get it](#)
SP-20 4 . 3 . 0 [get it](#)

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

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TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM			
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-12 20/06/2001	1 . 0 . 2	get it	<i>remarks - general:</i> was 32.104 (pars)
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
	SP-13 05/10/2001	4 . 1 . 0	get it	
	SP-15 26/03/2002	4 . 2 . 0	get it	
editorial clean up	20/06/2002	4 . 2 . 1	get it	
	SP-19 31/03/2003	4 . 3 . 0	get it	
	SP-20	4 . 4 . 0		

TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .

TS 32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-1
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .

TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) information service			
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-2
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
	SP-13 05/10/2001	4 . 1 . 0	get it	

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

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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

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-3
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-15 27/03/2002 4 . 2 . 0 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
post SP-16 04/07/2002 4 . 3 . 1 [get it](#)
correction of
cover page

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:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-14 11/01/2002 4 . 2 . 0 [get it](#)

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:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

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

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TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>	<i>U: yes</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-2	
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		
	SP-16 21/06/2002	4 . 2 . 0	get it		
	SP-17 27/09/2002	4 . 3 . 0	get it		
	SP-18 07/01/2003	4 . 4 . 0	get it		

TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>	<i>U: yes</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-3	
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-14 11/01/2002	4 . 1 . 0	get it		
	SP-16 21/06/2002	4 . 2 . 0	get it		
	SP-17 27/09/2002	4 . 3 . 0	get it		
	SP-18 07/01/2003	4 . 4 . 0	get it		

TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>	<i>U: yes</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-4	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		
	SP-16 21/06/2002	4 . 2 . 0	get it		
	SP-18 07/01/2003	4 . 3 . 0	get it		

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

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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: 4.3.0
	WG (prime / other): S5 / rapporteur: BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-12
	G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,	
SP-12 21/06/2001	2 . 0 . 0 get it remarks - general: was 32.602-5
SP-12 03/07/2001	4 . 0 . 0 get it remarks - this release: .
SP-14 11/01/2002	4 . 1 . 0 get it
SP-15 27/03/2002	4 . 2 . 0 get it
SP-20	4 . 3 . 0

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
history (event, available, version,	
SP-12 21/06/2001	2 . 0 . 0 get it remarks - general: was 32.620-1
SP-12 03/07/2001	4 . 0 . 0 get it remarks - this release: .

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
history (event, available, version,	
SP-12 21/06/2001	2 . 0 . 0 get it remarks - general: was 32.620-2
SP-12 03/07/2001	4 . 0 . 0 get it remarks - this release: .
SP-13 05/10/2001	4 . 1 . 0 get it
SP-15 27/03/2002	4 . 2 . 0 get it
SP-16 28/06/2002	4 . 3 . 0 get it
SP-20	4 . 4 . 0

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 4.3.0
MOTOROLA Ltd	WG (prime / other): S5 / - rapporteur: PIRT, Trevor
	freeze_meeting: SP-12
	G: yes U: yes MCC: ZOICAS, Adrian
history (event, available, version,	
SP-12 21/06/2001	2 . 0 . 0 get it remarks - general: was 32.620-3
SP-12 03/07/2001	4 . 0 . 0 get it remarks - this release: .
SP-13 05/10/2001	4 . 1 . 0 get it
SP-14 11/01/2002	4 . 2 . 0 get it
SP-19 31/03/2003	4 . 3 . 0 get it

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

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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	<i>current version: (CMIP) solution set</i>	4.4.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<i>freeze_meeting: SP-12</i>		G: yes	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0				get it	<i>remarks - general:</i> was 32.620-4		
	SP-12 04/07/2001	4 . 0 . 0				get it	<i>remarks - this release:</i> .		
	SP-13 05/10/2001	4 . 1 . 0				get it			
	SP-14 11/01/2002	4 . 2 . 0				get it			
	SP-15 27/03/2002	4 . 3 . 0				get it			
	SP-16 28/06/2002	4 . 4 . 0				get it			
TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements								
Rel-4	<i>current version: 4.0.0</i>		WG (prime / other):	S5	/-	<i>rapporteur:</i>	PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting: SP-12</i>		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0				get it	<i>remarks - general:</i> was 32.621-1		
	SP-12 03/07/2001	4 . 0 . 0				get it	<i>remarks - this release:</i> .		
TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version: 4.3.0</i>		WG (prime / other):	S5	/-	<i>rapporteur:</i>	PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting: SP-12</i>		G: yes	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0				get it	<i>remarks - general:</i> was 32.621-2		
	SP-12 03/07/2001	4 . 0 . 0				get it	<i>remarks - this release:</i> .		
	SP-14 11/01/2002	4 . 1 . 0				get it			
	SP-16 28/06/2002	4 . 2 . 0				get it			
	SP-19 01/04/2003	4 . 3 . 0				get it			
TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-4	<i>current version: (CORBA) solution set</i>	4.1.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	PAL, Tapinder	T-	
	MOBILE DEUTSCHLAND								
	<i>freeze_meeting: SP-12</i>		G: yes	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0				get it	<i>remarks - general:</i> was 32.621-3		
	SP-12 03/07/2001	4 . 0 . 0				get it	<i>remarks - this release:</i> .		
	SP-16 28/06/2002	4 . 1 . 0				get it			

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TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)
Rel-4	current version: solution set
SIEMENS AG	4.1.1
	WG (prime / other): S5
	/- rapporteur: POLLAKOWSKI, Olaf
	freeze_meeting: SP-12
	G: yes U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
SP-12 21/06/2001 2 . 0 . 0	get it remarks - general: was 32.621-4
SP-12 03/07/2001 4 . 0 . 0	get it remarks - this release: .
SP-13 05/10/2001 4 . 1 . 0	get it
edito after SP-17 18/09/2002 4 . 1 . 1	get it

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 / -
	freeze_meeting: SP-12
	G: U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
SP-12 21/06/2001 2 . 0 . 0	get it remarks - general: was 32.622-1
SP-12 03/07/2001 4 . 0 . 0	get it remarks - this release: .

TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-4	current version: 4.3.0
	WG (prime / other): S5 / -
	freeze_meeting: SP-12
	G: U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
SP-12 21/06/2001 2 . 0 . 0	get it remarks - general: was 32.622-2
SP-12 03/07/2001 4 . 0 . 0	get it remarks - this release: .
SP-16 28/06/2002 4 . 1 . 0	get it
SP-17 27/09/2002 4 . 2 . 0	get it
SP-20 4 . 3 . 0	

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
Motorola Inc.	4.2.0
	WG (prime / other): S5
	/- rapporteur: RAYMER, David
	freeze_meeting: SP-12
	G: U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
SP-12 21/06/2001 2 . 0 . 0	get it remarks - general: was 32.622-3
SP-12 03/07/2001 4 . 0 . 0	get it remarks - this release: .
SP-14 11/01/2002 4 . 1 . 0	get it
SP-20 4 . 2 . 0	

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

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol								
Rel-4	<i>current version:</i> (CMIP) solution set	4.2.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<i>freeze_meeting:</i> SP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0			get it	<i>remarks - general:</i>	was 32.622-4		
	SP-12 03/07/2001	4 . 0 . 0			get it	<i>remarks - this release:</i>			
	SP-13 05/10/2001	4 . 1 . 0			get it				
<i>edito post</i>	SP-17 18/09/2002	4 . 1 . 1			get it				
	SP-20	4 . 2 . 0							
<hr/>									
TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PIRT, Trevor	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-12		<i>G:</i> yes	<i>U:</i>	<i>MCC:</i>	ZOICAS, Adrian			
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0			get it	<i>remarks - general:</i>	was 32.623-1		
	SP-12 03/07/2001	4 . 0 . 0			get it	<i>remarks - this release:</i>	.		
<hr/>									
TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PETERSEN, Robert	Ericsson AB		
	<i>freeze_meeting:</i> SP-12		<i>G:</i> yes	<i>U:</i>	<i>MCC:</i>	ZOICAS, Adrian			
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0			get it	<i>remarks - general:</i>	was 32.623-2		
	SP-12 03/07/2001	4 . 0 . 0			get it	<i>remarks - this release:</i>	.		
	SP-13 05/10/2001	4 . 1 . 0			get it				
	SP-14 11/01/2002	4 . 2 . 0			get it				
	SP-16 28/06/2002	4 . 3 . 0			get it				
	SP-17 27/09/2002	4 . 4 . 0			get it				
	SP-20	4 . 5 . 0							

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Server ACTIVE specs Rel-4 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-4	current version: (CORBA) solution set	4.2.0	WG (prime / other):	S5	/-	rapporteur:	RAYMER, David	
	Motorola Inc.							
	freeze_meeting: SP-12		G: yes	U:	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-12 21/06/2001	2 . 0 . 0			get it	remarks - general:	was 32.623-3	
	SP-12 04/07/2001	4 . 0 . 0			get it	remarks - this release:	.	
	SP-14 11/01/2002	4 . 1 . 0			get it			
	SP-20	4 . 2 . 0						

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	4.2.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	
	SIEMENS AG							
	freeze_meeting: SP-12		G: yes	U:	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-12 21/06/2001	2 . 0 . 0			get it	remarks - general:	was 32.623-4	
	SP-12 03/07/2001	4 . 0 . 0			get it	remarks - this release:	.	
	SP-13 05/10/2001	4 . 1 . 0			get it			
	SP-20	4 . 2 . 0						

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		
	history (event, available, version,							
	draft 31/10/2000	0 . 0 . 1			get it	remarks - general:		
	draft 17/01/2001	0 . 0 . 3			get it	remarks - this release:	.	
	SP-12 18/06/2001	1 . 0 . 0			get it			
	SP-12 03/07/2001	4 . 0 . 0			get it			

Rel-4 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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Server ACTIVE specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102	3G security; Security architecture					
Rel-4	current version: 4.5.0	WG (prime / other):	S3 / -	rapporteur:	BLOMMAERT, Marc	SIEMENS ATEA NV
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
history (event, available, version,						
	SP-11 30/03/2001			get it	remarks - general:	
	SP-12 04/07/2001			get it	remarks - this release:	
	SP-13 03/10/2001			get it		
	SP-14 07/01/2002			get it		
	SP-16 19/06/2002			get it		
	SP-18 18/12/2002			get it		

TS 33.103	3G security; Integration guidelines					
Rel-4	current version: 4.2.0	WG (prime / other):	S3 / -	rapporteur:	BLANCHARD, Colin	BT Group Plc
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
history (event, available, version,						
	SP-11 11/04/2001			get it	remarks - general:	
	SP-12 04/07/2001			get it	remarks - this release: SP-15: Not to be promoted to Rel-5.	
	SP-13 03/10/2001			get it		

TS 33.105	Cryptographic Algorithm requirements					
Rel-4	current version: 4.1.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
history (event, available, version,						
	SP-11 11/04/2001			get it	remarks - general:	
	SP-12 04/07/2001			get it	remarks - this release: SP-15: Not to be promoted to Rel-5.	

TS 33.106	Lawful interception requirements					
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
history (event, available, version,						
	SP-11 04/04/2001			get it	remarks - general:	
					remarks - this release:	

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Server ACTIVE specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.107	3G security; Lawful interception architecture and functions						
Rel-4	current version: 4.3.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,						
	SP-11 04/04/2001			get it	remarks - general:		
	SP-13 03/10/2001			get it	remarks - this release:		
	SP-14 07/01/2002			get it			
	SP-15 26/03/2002			get it			
TS 33.120	Security Objectives and Principles						
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-11	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,						
	SP-11 10/04/2001			get it	remarks - general:		
					remarks - this release: SP-15: Not to be promoted to Rel-5.		
TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security						
Rel-4	current version: 4.3.0	WG (prime / other):	S3 / -	rapporteur:	ESCOTT, Adrian	3	
	freeze_meeting: SP-12	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,						
	draft 26/06/2001			get it	remarks - general: 2001-05-24: title grows MAP; see 33.210 for IP equivalent.		
	SA-12				remarks - this release:		
	SP-12 04/07/2001			get it			
	SP-13 03/10/2001			get it			
	SP-14 07/01/2002			get it			
	SP-15 26/03/2002			get it			
TR 33.901	Criteria for cryptographic Algorithm design process						
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	BLOM, Rolf	Telefon AB LM Ericsson	
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,						
	SP-11 03/10/2001			get it	remarks - general:		
					remarks - this release: SP-15: Not to be promoted to Rel-5.		

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ACTIVE specs Rel-4 33 .- series
Server http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.902	Formal Analysis of the 3G Authentication Protocol								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-11 03/10/2001	4	.	0	.	0			
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.			
<hr/>									
TR 33.903	Access Security for IP based services								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
<hr/>									
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-11 03/10/2001	4	.	0	.	0			
				get it	<i>remarks - general:</i>	TSG#7: S3-000105=NP-000049			
					<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.			
<hr/>									
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	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-11 04/04/2001	4	.	0	.	0			
	correct misprint in 23/07/2001	4	.	0	.	1			
	spec number								
				get it	<i>remarks - general:</i>	TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.			
				get it	<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.			

Rel-4 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-4 *current version:* 4.7.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman Anite Telecoms Ltd.
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-13 08/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 20/03/2002 4 . 2 . 0 [get it](#)
edito post TP-15 26/03/2002 4 . 2 . 1 [get it](#)
TP-16 17/06/2002 4 . 3 . 0 [get it](#)
TP-17 11/09/2002 4 . 4 . 0 [get it](#)
TP-18 18/12/2002 4 . 5 . 0 [get it](#)
TP-19 24/03/2003 4 . 6 . 0 [get it](#)
TP-20 4 . 7 . 0

TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:* TSG#9: Stable, so txfered from T1 to R2.
RP-15 19/03/2002 4 . 2 . 0 [get it](#)
RP-16 17/06/2002 4 . 3 . 0 [get it](#)
RP-18 13/01/2003 4 . 4 . 0 [get it](#)
RP-19 25/03/2003 4 . 5 . 0 [get it](#)

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-20 4 . 0 . 0 upgrade sans CR *remarks - general:*
remarks - this release:

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version,

TP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
TP-13	03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
TP-14	09/01/2002	4 . 2 . 0	get it	
TP-15	21/03/2002	4 . 3 . 0	get it	
TP-16	17/06/2002	4 . 4 . 0	get it	
TP-17	05/09/2002	4 . 5 . 0	get it	
TP-18	18/12/2002	4 . 6 . 0	get it	
TP-19	24/03/2003	4 . 7 . 0	get it	
TP-20		4 . 8 . 0		

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version,

TP-13	03/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
TP-14	09/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>
TP-15	20/03/2002	4 . 2 . 0	get it	
TP-16	19/06/2002	4 . 3 . 0	get it	

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):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version,

TP-13	04/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
TP-14	09/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>
TP-15	21/03/2002	4 . 2 . 0	get it	
TP-16	19/06/2002	4 . 3 . 0	get it	

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version,

remarks - general:
remarks - this release:

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

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
history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-18 10/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-19 04/04/2003 4 . 2 . 0 [get it](#)

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):* T1 / - *rapporteur:* NIELSEN, Bjarke QUALCOMM EUROPE S.A.R.L.
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-05 13/10/1999 0 . 0 . 1 [get it](#) *remarks - general:*
TP-10 09/01/2001 1 . 0 . 0 [get it](#) *remarks - this release:*

TR 34.926 Table of international EMC requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
TP-09 06/10/2000 1 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
RP-10 09/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:*

Rel-4 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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:* POPE, Maurice
history (event, available, version,
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
SP-14 07/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

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:	POPE, Maurice				
history (event, available, version,	SP-11 28/08/2001	4	.	0	.	0			
		get it	remarks - general:	ex SAGE; supplied by ETSI under licence					
			remarks - this release:						
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:	POPE, Maurice				
history (event, available, version,	SP-11 28/08/2001	4	.	0	.	0			
		get it	remarks - general:	ex SAGE; supplied by ETSI under licence					
			remarks - this release:						
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:	POPE, Maurice				
history (event, available, version,	SP-11 28/08/2001	4	.	0	.	0			
		get it	remarks - general:	ex SAGE; supplied by ETSI under licence					
			remarks - this release:						
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*;								
Rel-4	current version: Document 1: General	4.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael		
VODAFONE Group Plc			G:	U: yes	MCC:	POPE, Maurice			
freeze_meeting: SP-11									
history (event, available, version,	SP-11 09/05/2001	4	.	0	.	0			
		get it	remarks - general:	ex SAGE. 2002-06: clarified that deliverable is TS not TR.					
			remarks - this release:	TSG#11:changed to Rel-4.					
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*;								
Rel-4	current version: Document 2: Algorithm specification	4.0.0	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael		
VODAFONE Group Plc			G:	U: yes	MCC:	POPE, Maurice			
freeze_meeting: SP-11									
history (event, available, version,	SP-11 09/05/2001	4	.	0	.	0			
		get it	remarks - general:	ex SAGE					
			remarks - this release:	TSG#11:changed to Rel-4					

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

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*;
 Rel-4 *current version:* Document 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: POPE, Maurice
history (event, available, version,
 SP-11 09/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: TSG#11:changed to Rel-4

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*;
 Rel-4 *current version:* Document 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: POPE, Maurice
history (event, available, version,
 SP-11 09/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: TSG#11:changed to Rel-4

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*;
 Rel-4 *current version:* Document 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: POPE, Maurice
history (event, available, version,
 SP-11 09/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: TSG#11:Formerly 35.209 Rel-99 (but never made available)

Rel-4 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

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
freeze_meeting: SP-11 One

G: yes U: MCC: POPE, Maurice

history (event, available, version,
 SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
 edito 02/05/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.033	Lawful Interception requirements for GSM					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 4 . 0 . 0					<i>remarks - general:</i>
	edito 02/05/2001 4 . 0 . 1					<i>remarks - this release:</i>
		get it				
<hr/>						
TS 41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0					<i>remarks - general:</i>
		get it				<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.
<hr/>						
TS 41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> SP /	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-20	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						

Rel-4 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.009	Security Aspects					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON,	Telia Promotor AB		
	<i>freeze_meeting:</i> SP-11	NP	Per			
	<i>history (event, available, version,</i>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	SP-11 10/04/2001 4 . 0 . 0					<i>remarks - general:</i>
		get it				<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.
<hr/>						

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

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Server ACTIVE specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.017	Subscriber Identity Module (SIM); Functional characteristics					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version,</i>	TP-11 09/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version,</i>	TP-12 06/07/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i> TP-17: From Rel-6, transferred to ETSI TS 102 240.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 42.033	Lawful Interception; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i> Was 22.043 at Rel99.			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-11 02/04/2001 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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

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Server ACTIVE specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.068 Voice Group Call Service (VGCS); Stage 1
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 23/06/2000 4 . 0 . 0 32,304 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

TS 42.069 Voice Broadcast Service (VBS); Stage 1
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

Rel-4 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005 Technical performance objectives
Rel-4 *current version:* 4.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 43.010 GSM Public Land Mobile Network (PLMN) connection types
Rel-4 *current version:* 4.2.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-10 08/01/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 06/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-17 17/09/2002 4 . 2 . 0 [get it](#)

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-11 23/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i> For test spec, see 51.013.			
	TP-14 17/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-16 25/06/2002 4 . 2 . 0	get it				
	TP-17 27/09/2002 4 . 3 . 0	get it				
<hr/>						
TS 43.020	Security-related network functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-11	GP	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	G: yes U:				
	SP-09 04/11/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-01 10/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000.			
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	GP-02 24/11/2000 4 . 1 . 0	get it				
	edito 30/11/2000 4 . 1 . 1	get it				
	GP-03 15/02/2001 4 . 2 . 0	get it				
	GP-05 05/10/2001 4 . 3 . 0	get it				
	GP-10 19/07/2002 4 . 4 . 0	get it				
	GP-11 19/09/2002 4 . 5 . 0	get it				

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	Peter Skov USAI, Paolino	
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
	re-issue as TR 31/07/2002 4 . 0 . 1			get it	<i>remarks - this release:</i>	
	(not TS) as per					
	03.26					
<hr/>						
TR 43.030	Radio network planning aspects					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	TEGTH, Ulf	TeliaSonera AB
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	GP-01 10/10/2000 4 . 0 . 0			get it	<i>remarks - general:</i>	
	some refs revert 24/10/2000 4 . 0 . 1			get it	<i>remarks - this release:</i>	
	to pre-Rel-4 GSM					
	format					
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version,</i>					
	NP-11 06/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

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	
history (event, available, version,	GP-04 11/04/2001	4 . 0 . 0		get it	remarks - general:	
					remarks - this release:	
<hr/>						
TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-4	current version: 4.2.0	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,	GP-04 11/04/2001	4 . 0 . 0		get it	remarks - general:	
	GP-05 29/06/2001	4 . 1 . 0		get it	remarks - this release:	
	GP-14 25/04/2003	4 . 2 . 0		get it		
<hr/>						
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,	SP-11 10/04/2001	4 . 0 . 0		get it	remarks - general:	
					remarks - this release:	
<hr/>						
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN					
Rel-4	current version: 4.5.0	WG (prime / other):	G1 / -	rapporteur:	LIVINGSTON, Margaret	NOKIA Corporation
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,	GP-02 05/01/2001	1 . 0 . 0		get it	remarks - general:	
	draft 02/02/2001	1 . 0 . 2		get it	remarks - this release:	
	GP-04 09/05/2001	4 . 0 . 0		get it		
	GP-05 29/06/2001	4 . 1 . 0		get it		
	GP-06 01/10/2001	4 . 2 . 0		get it		
	GP-07 04/01/2002	4 . 3 . 0		get it		
	GP-08 19/02/2002	4 . 4 . 0		get it		
	GP-10 19/07/2002	4 . 5 . 0		get it		

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

GP-03	15/02/2001	4	.	0	.	0
GP-04	20/04/2001	4	.	1	.	0
GP-07	04/01/2002	4	.	2	.	0
GP-08	19/02/2002	4	.	3	.	0
GP-14	25/04/2003	4	.	4	.	0

WG (prime / other): G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11
history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0
NP-09	12/10/2000	4	.	1	.	0
edito	24/10/2000	4	.	1	.	1
NP-10	02/01/2001	4	.	2	.	0
edito	17/06/2002	4	.	2	.	1
edito	28/06/2002	4	.	2	.	2

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11
history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0
NP-09	12/10/2000	4	.	1	.	0
edito	28/06/2002	4	.	1	.	1
NP-10	03/01/2001	4	.	2	.	0
edito	06/06/2002	4	.	2	.	1
Note 1 to 9 and Note 2 to 10 in fig. 4	27/06/2002	4	.	2	.	2

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-16

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
SP-16 24/06/2002 4 . 0 . 0 = 23.073 v4.0.0

[get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-16 20/06/2002 4 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TS 44.004 Layer 1 - General Requirements

Rel-4 *current version:* 4.2.0
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-06 14/09/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.005	Data Link (DL) Layer General Aspects					
Rel-4	current version: 4.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-04		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Rel-4	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-04		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general:			
	GP-08 19/02/2002 4 . 1 . 0	get it	remarks - this release:			
TS 44.012	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface					
Rel-4	current version: 4.0.1	WG (prime / other): G2 / N2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-04		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general: Rel-4 onwards. (Rel-99 was 24.012)			
	edito 17/12/2002 4 . 0 . 1	get it	remarks - this release: TSG#11: Replaces 24.012 for Rel-4 on.			
TS 44.013	Performance Requirements on Mobile Radio Interface					
Rel-4	current version: 4.1.0	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	NP-11 11/04/2001 4 . 0 . 0	get it	remarks - general:			
	NP-16 20/06/2002 4 . 1 . 0	get it	remarks - this release:			
TS 44.014	Individual equipment type requirements and interworking; Special conformance testing functions					
Rel-4	current version: 4.2.0	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
	freeze_meeting: GP-04	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general:			
	GP-05 18/06/2001 4 . 1 . 0	get it	remarks - this release:			
	GP-10 19/07/2002 4 . 2 . 0	get it				

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 *current version:* 4.14.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,

04.18 to 3G	10/08/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
GP-01	11/10/2000	4 . 1 . 0	get it	<i>remarks - this release:</i> #32:9.0.0 MCC-converted Aug00:
edito	24/10/2000	4 . 1 . 1	get it	
GP-02	21/12/2000	4 . 2 . 0	get it	
GP-03	31/01/2001	4 . 3 . 0	get it	
GP-04	04/05/2001	4 . 4 . 0	get it	
GP-05	18/06/2001	4 . 5 . 0	get it	
GP-06	10/09/2001	4 . 6 . 0	get it	
GP-07	08/01/2002	4 . 7 . 0	get it	
GP-08	19/02/2002	4 . 8 . 0	get it	
GP-09	02/05/2002	4 . 9 . 0	get it	
edito post	GP-09 28/05/2002	4 . 9 . 1	get it	
GP-10	19/07/2002	4 . 10 . 0	get it	
GP-11	16/09/2002	4 . 11 . 0	get it	
GP-12	17/12/2002	4 . 12 . 0	get it	
GP-13	21/02/2003	4 . 13 . 0	get it	
GP-14	28/04/2003	4 . 14 . 0	get it	

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):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-10	21/12/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-17	19/09/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>					
GP-04	04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
GP-05	18/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
GP-06	14/09/2001	4 . 2 . 0	get it		
GP-07	08/01/2002	4 . 3 . 0	get it		
GP-08	19/02/2002	4 . 4 . 0	get it		
GP-09	02/05/2002	4 . 5 . 0	get it		
GP-10	19/07/2002	4 . 6 . 0	get it		

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	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>					
GP-04	04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
GP-07	08/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>	

TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
<i>history (event, available, version,</i>					
NP-11	11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
<i>history (event, available, version,</i>					
NP-11	11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

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	<i>current version:</i> 4.11.0
	<i>freeze_meeting:</i> GP-04
	<i>history (event, available, version,</i>
	GP-03 31/01/2001 4 . 0 . 0 get it <i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-04 04/05/2001 4 . 1 . 0 get it <i>remarks - this release:</i> (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
	GP-05 18/06/2001 4 . 2 . 0 get it
	GP-06 14/09/2001 4 . 3 . 0 get it
	GP-07 09/01/2002 4 . 4 . 0 get it
	GP-08 19/02/2002 4 . 5 . 0 get it
	GP-09 03/05/2002 4 . 6 . 0 get it
edito post	GP-09 28/05/2002 4 . 6 . 1 get it
	GP-10 19/07/2002 4 . 7 . 0 get it
	GP-11 16/09/2002 4 . 8 . 0 get it
	GP-12 17/12/2002 4 . 9 . 0 get it
	GP-13 21/02/2003 4 . 10 . 0 get it
	GP-14 29/04/2003 4 . 11 . 0 get it

TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification
Rel-4	<i>current version:</i> 4.3.0
	<i>freeze_meeting:</i> SP-11
	<i>history (event, available, version,</i>
	NP-11 11/04/2001 4 . 0 . 0 get it <i>remarks - general:</i>
	NP-12 29/06/2001 4 . 1 . 0 get it <i>remarks - this release:</i>
	NP-14 04/01/2002 4 . 2 . 0 get it
	NP-15 19/03/2002 4 . 3 . 0 get it

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
Rel-4	<i>current version:</i> 4.2.0
	<i>freeze_meeting:</i> SP-11
	<i>history (event, available, version,</i>
	NP-10 02/01/2001 4 . 0 . 0 get it <i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.
	NP-13 02/10/2001 4 . 1 . 0 get it <i>remarks - this release:</i>
	NP-15 19/03/2002 4 . 2 . 0 get it

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.068 Group Call Control (GCC) Protocol

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
conversion to 06/09/2000 4 . 0 . 0
3GPP format
NP-09 12/10/2000 4 . 1 . 0
edito 24/10/2000 4 . 1 . 1
NP-12 29/06/2001 4 . 2 . 0
NP-16 19/06/2002 4 . 3 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 44.069 Broadcast Call Control (BCC) protocol

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0
NP-09 12/10/2000 4 . 1 . 0
edito 24/10/2000 4 . 1 . 1
NP-12 29/06/2001 4 . 2 . 0
NP-16 19/06/2002 4 . 3 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release:

[get it](#)

[get it](#)

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[get it](#)

TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-4 *current version:* 4.3.0
freeze_meeting: GP-04
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-05 18/06/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0
GP-10 19/07/2002 4 . 3 . 0

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: Peter Skov
MCC: THOMASEN, Gert

[get it](#) *remarks - general:*
remarks - this release:

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Rel-4 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.001 Physical layer on the radio path; General description

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-07 04/01/2002 4 . 1 . 0 [get it](#)
GP-14 25/04/2003 4 . 2 . 0 [get it](#)

TS 45.002 Multiplexing and multiple access on the radio path

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-02 24/11/2000 4 . 1 . 0 [get it](#)
edito 30/11/2000 4 . 1 . 1 [get it](#)
GP-03 15/01/2001 4 . 2 . 0 [get it](#)
edito 27/02/2001 4 . 2 . 1 [get it](#)
GP-04 20/04/2001 4 . 3 . 0 [get it](#)
GP-06 01/10/2001 4 . 4 . 0 [get it](#)
GP-07 04/01/2002 4 . 5 . 0 [get it](#)
GP-13 21/02/2003 4 . 6 . 0 [get it](#)
GP-14 25/04/2003 4 . 7 . 0 [get it](#)

TS 45.003 Channel coding

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-03 06/02/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-07 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-14 25/04/2003 4 . 2 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.004 Modulation

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

history (event, available, version,

GP-04 18/06/2001 4 . 0 . 0

GP-05 29/06/2001 4 . 1 . 0

GP-07 04/01/2002 4 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

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

NOKIA Corporation

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.11.0

freeze_meeting: SP-11

history (event, available, version,

GP-01 10/10/2000 4 . 0 . 0

edito 24/10/2000 4 . 0 . 1

GP-02 24/11/2000 4 . 1 . 0

edito 30/11/2000 4 . 1 . 1

GP-03 15/02/2001 4 . 2 . 0

GP-04 20/04/2001 4 . 3 . 0

GP-05 29/06/2001 4 . 4 . 0

GP-06 01/10/2001 4 . 5 . 0

GP-07 04/01/2002 4 . 6 . 0

GP-09 06/05/2002 4 . 7 . 0

GP-10 19/07/2002 4 . 8 . 0

GP-11 19/09/2002 4 . 9 . 0

GP-13 21/02/2003 4 . 10 . 0

GP-14 25/04/2003 4 . 11 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008	Radio subsystem link control					
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-01 01/09/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-02 24/11/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	edito 30/11/2000 4 . 1 . 1	get it				
	GP-03 15/02/2001 4 . 2 . 0	get it				
	GP-04 20/04/2001 4 . 3 . 0	get it				
	GP-05 29/06/2001 4 . 4 . 0	get it				
	GP-06 01/10/2001 4 . 5 . 0	get it				
	GP-07 04/01/2002 4 . 6 . 0	get it				
	GP-08 18/02/2002 4 . 7 . 0	get it				
	GP-09 06/05/2002 4 . 8 . 0	get it				
	GP-10 19/07/2002 4 . 9 . 0	get it				
	GP-14 25/04/2003 4 . 10 . 0	get it				

TS 45.009	Link adaptation					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-02 06/02/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-06 01/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-07 04/01/2002 4 . 2 . 0	get it				

TS 45.010	Radio subsystem synchronization					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 20/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-07 04/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-08 19/02/2002 4 . 2 . 0	get it				
	GP-10 19/07/2002 4 . 3 . 0	get it				
	GP-13 21/02/2003 4 . 4 . 0	get it				

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

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ACTIVE specs Rel-4 45 .- series
Server http://www.3gpp.org/ftp/Specs/archive/45_series

TR 45.022 Radio link management in hierarchical networks
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release:

TR 45.050 Background for RF Requirements
Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
USAI, Paolino

history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0
make figures 01/08/2001 4 . 0 . 1
legible

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 45.056 CTS-FP Radio Sub-system
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release:

Rel-4 46 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.001 Full Rate Speech Processing Functions
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 10/10/2001 4 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.002	Half Rate Speech Processing Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i>
	SP-12 29/06/2001 4 . 1 . 0				get it	<i>remarks - this release:</i>

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.011 Substitution and Muting of Lost Frames for Full Rate Speech Channels
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 46.012 Comfort Noise Aspects for Full Rate Speech Traffic Channels
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 46.020 Half Rate Speech Transcoding
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
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 46.022 Comfort Noise Aspects for Half Rate Speech Traffic Channels
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
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.032	Voice Activity Detection (VAD)								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.051	GSM Enhanced full rate speech processing functions: General description								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.060	Enhanced full rate speech transcoding					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>

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Server ACTIVE specs Rel-4 46 .- series
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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	
history (event, available, version,	SP-11 10/04/2001 4 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
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	
history (event, available, version,	SP-11 10/04/2001 4 . 0 . 0					
fix invisible 10/01/2002 4 . 0 . 1		get it		remarks - general:		
		get it		remarks - this release:		
<hr/>						
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate 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	
history (event, available, version,	SP-11 10/04/2001 4 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate 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	
history (event, available, version,	SP-11 10/04/2001 4 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TR 46.085	Subjective tests on the interoperability of the 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	
history (event, available, version,	SP-11 10/04/2001 4 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		

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Server ACTIVE specs Rel-4 48 .- series
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Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.001 General Aspects on the BSS-MSC Interface

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TS 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Rel-4 *current version:* 4.2.0
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-05 18/06/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0

Rel-5 CR undone. Effectively reverts
to 4.0.0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

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
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Rel-4	current version: 4.8.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-04				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
08.08 to 3G	11/08/2000	4 . 0 . 0		get it	remarks - general:	
GP-01	11/10/2000	4 . 1 . 0		get it	remarks - this release:	
edito	24/10/2000	4 . 1 . 1		get it		
GP-02	11/01/2001	4 . 2 . 0		get it		
GP-03	31/01/2001	4 . 3 . 0		get it		
GP-04	04/05/2001	4 . 4 . 0		get it		
GP-06	14/09/2001	4 . 5 . 0		get it		
GP-07	08/01/2002	4 . 6 . 0		get it		
GP-08	19/02/2002	4 . 7 . 0		get it		
GP-10	19/07/2002	4 . 8 . 0		get it		

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	MOTOROLA A/S
	freeze_meeting: GP-04				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
GP-04	04/05/2001	4 . 0 . 0		get it	remarks - general:	
					remarks - this release:	

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
Rel-4	current version: 4.2.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-04				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
GP-02	17/11/2000	4 . 0 . 0		get it	remarks - general:	
GP-04	04/05/2001	4 . 1 . 0		get it	remarks - this release:	
edito	07/06/2001	4 . 1 . 1		get it		
GP-06	14/09/2001	4 . 2 . 0		get it		

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> GP-04	G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-02 17/11/2000	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-03 31/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	GP-04 04/05/2001	4 . 2 . 0	get it						
	GP-05 18/06/2001	4 . 3 . 0	get it						
	edito 29/06/2001	4 . 3 . 1	get it						
	GP-06 10/09/2001	4 . 4 . 0	get it						
	GP-09 06/05/2002	4 . 5 . 0	get it						

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	NP-17 19/09/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>					

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04	G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-05 18/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>					

TS 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04	G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-07 08/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>					

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 15/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			

TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

TS 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-08 19/02/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			

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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 / - *rporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
edito 28/05/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-08 19/02/2002 4 . 1 . 0 [get it](#)

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 *rporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
GP-08 19/02/2002 4 . 1 . 0 [get it](#) *remarks - this release:* Cover sheet still shows version 4.0.0 and wrong date.
editorial pody 20/03/2002 4 . 1 . 1 [get it](#)
GP-08

TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification
Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-06 14/09/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 08/01/2002 4 . 2 . 0 [get it](#)
GP-08 19/02/2002 4 . 3 . 0 [get it](#)

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

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

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Server ACTIVE specs Rel-4 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.001 General network interworking scenarios

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

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):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*
NP-19 24/03/2003 4 . 1 . 0 [get it](#)

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 03/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-06 14/09/2001 4 . 1 . 0 [get it](#)
edito 03/10/2001 4 . 1 . 1 [get it](#)
GP-07 08/01/2002 4 . 2 . 0 [get it](#)
GP-10 19/07/2002 4 . 3 . 0 [get it](#)

Rel-4 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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

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Server ACTIVE specs Rel-4 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

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
history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 01/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

Rel-4 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP
/ G4
G: yes U: *MCC:* SALMERON, Lidia
history (event, available, version,
conversion from 01/08/2000 4 . 0 . 1 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
11.10-1 v9.0.1 [get it](#) *remarks - this release:* #32:9.0.0 MCC-converted Aug00:4.0.1
edito 24/10/2000 4 . 0 . 2 [get it](#)
GP-02 01/12/2000 4 . 1 . 0 [get it](#)
edito to correct 01/12/2000 4 . 1 . 1 [get it](#)
Release
edito 17/01/2001 4 . 1 . 2 [get it](#)
GP-03 22/01/2001 4 . 2 . 0 [get it](#)
GP-04 11/04/2001 4 . 3 . 0 [get it](#)
GP-05 05/06/2001 4 . 4 . 0 [get it](#)
GP-06 31/08/2001 4 . 5 . 0 [get it](#)
GP-07 09/01/2002 4 . 6 . 0 [get it](#)
GP-08 26/02/2002 4 . 7 . 0 [get it](#)
GP-09 03/05/2002 4 . 8 . 0 [get it](#)
GP-10 19/07/2002 4 . 9 . 0 [get it](#)
GP-11 20/09/2002 4 . 10 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

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):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 NP /
T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

GP-02		1 . 0 . 0		<i>remarks - general:</i>	2001-11-19: G4->G5.
GP-04	11/04/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>	
GP-05	05/06/2001	4 . 1 . 0	get it		
GP-06	31/08/2001	4 . 2 . 0	get it		
GP-07	09/01/2002	4 . 3 . 0	get it		
GP-07 minor	18/01/2002	4 . 3 . 1	get it		
editorial					
GP-08	26/02/2002	4 . 4 . 0	get it		
GP-09	29/04/2002	4 . 5 . 0	get it		
GP-10	03/07/2002	4 . 6 . 0	get it		
GP-11	19/09/2002	4 . 7 . 0	get it		

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

GP-01	06/09/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
edito	24/10/2000	4 . 0 . 1	get it	<i>remarks - this release:</i>	
GP-02	30/11/2000	4 . 1 . 0	get it		
GP-05	28/06/2001	4 . 2 . 0	get it		
GP-06	14/09/2001	4 . 3 . 0	get it		
GP-07	21/01/2002	4 . 4 . 0	get it		
GP-08	19/02/2002	4 . 5 . 0	get it		
GP-09	29/04/2002	4 . 6 . 0	get it		
GP-10	19/07/2002	4 . 7 . 0	get it		
GP-14	29/04/2003	4 . 8 . 0	get it		

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
Rel-4	<i>current version:</i> 4.8.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
<i>history (event, available, version,</i>									
TP-11	09/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	TP-14: talk of changing title to "Characteristics of the SIM application".			
TP-12	06/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	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			
TP-13	11/10/2001	4 . 2 . 0		get it		to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version			
TP-14	17/01/2002	4 . 3 . 0		get it					
TP-16	25/06/2002	4 . 4 . 0		get it					
TP-17	18/09/2002	4 . 5 . 0		get it					
TP-18	02/01/2003	4 . 6 . 0		get it					
TP-19	04/04/2003	4 . 7 . 0		get it					
TP-20		4 . 8 . 0							
<hr/>									
TS 51.013	Test specification for SIM API for Java card								
Rel-4	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.			
	<i>freeze_meeting:</i> TP-19			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
<i>history (event, available, version,</i>									
TP-16	26/06/2002	1 . 0 . 0	TP-020128	get it	<i>remarks - general:</i>				
TP-17	23/09/2002	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.	get it	<i>remarks - this release:</i>	TP-15: New WI approved in TP-020029.			
TP-19	04/04/2003	4 . 0 . 0	Created with CR to 11.13 R99	get it					
replace Annex E with correct file	16/04/2003	4 . 0 . 1		get it					
<hr/>									
TS 51.014	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
<i>history (event, available, version,</i>									
TP-18	02/01/2003	4 . 0 . 0		get it	<i>remarks - general:</i>				
TP-19	04/04/2003	4 . 1 . 0		get it	<i>remarks - this release:</i>	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).			
<hr/>									

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.021 GSM radio aspects base station system equipment specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: SP-13 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-07 11/01/2002 4 . 0 . 0 [get it](#) *remarks - general:*
GP-10 19/07/2002 4 . 1 . 0 [get it](#) *remarks - this release:* .
GP-12 03/01/2003 4 . 2 . 0 [get it](#)
GP-13 21/02/2003 4 . 3 . 0 [get it](#)

TS 51.026 GSM Repeater Equipment Specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: SP-13 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
post-GP-07 23/01/2002 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Rel-4 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-09 06/05/2002 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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
history (event, available, version,
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402 [get it](#) *remarks - general:* SP-13: replaces 32.402.
SP-16 20/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:* .

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

R99

R99 01 .- series Server location: 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:* 8.10.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version,

draft	01/08/1999	0 . 0 . 0	get it	<i>remarks - general:</i> post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for <i>remarks - this release:</i> backwards extension to earlier releases.
draft	01/08/1999	0 . 0 . 1	get it	
mods to draft	01/09/1999	0 . 0 . 2	get it	
more mods	07/09/1999	0 . 0 . 3	get it	
WOME cmts	15/09/1999	0 . 1 . 0	get it	
included				
Becomes T2/smg4 responsibility	21/09/1999	0 . 2 . 0	get it	
editorials	01/10/1999	0 . 3 . 0	get it	
draft	04/08/2000	0 . 3 . 0	get it	
align with 21.101	07/10/1999	0 . 4 . 0	get it	
smg-30	11/11/1999	1 . 0 . 0	get it	
align with 21.101	30/11/1999	1 . 1 . 0	get it	Alignment with 21.101: 1.1.0.
smg-31 bis		2 . 0 . 0		
smg-32	20/06/2000	8 . 0 . 0	get it	
SP-10	04/01/2001	8 . 1 . 0	get it	
SP-12	05/07/2001	8 . 2 . 0	get it	
SP-13	01/10/2001	8 . 3 . 0	get it	
SP-14	03/01/2002	8 . 4 . 0	get it	
SP-15	27/03/2002	8 . 5 . 0	get it	
SP-16	19/06/2002	8 . 6 . 0	get it	
SP-17	18/09/2002	8 . 7 . 0	get it	
SP-18	03/01/2003	8 . 8 . 0	get it	
SP-19	27/03/2003	8 . 9 . 0	get it	
SP-20		8 . 10 . 0		

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

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ACTIVE specs R99 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04	Abbreviations and acronyms					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> upgrade to R99 10/05/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TR 01.33	Lawful Interception requirements for GSM					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		

R99 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.09	Security aspects								
R99	current version: 8.0.1	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	Telia Promotor AB			
	freeze_meeting: SP-06		NP		Per				
	history (event, available, version,	G: yes U:		MCC:	POPE, Maurice				
	Upgrade to R99 30/06/2000 8 . 0 . 0								
	ETSI publication 05/06/2001 8 . 0 . 1	get it		remarks - general:					
		get it		remarks - this release:					
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics								
R99	current version: 8.0.0	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD			
	freeze_meeting: SP-06	G: yes U:		MCC:	DIETZE, Claus				
	history (event, available, version,								
	smg-30 11/11/1999 8 . 0 . 0	get it		remarks - general:					
				remarks - this release:					
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
R99	current version: 8.0.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	freeze_meeting: SP-12	G: yes U:		MCC:	DIETZE, Claus				
	history (event, available, version,								
	TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14	get it		remarks - general:	SMG9->T3@#31				
				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!				
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:	POPE, Maurice				
	history (event, available, version,								
	Upgrade to R99 14/04/2000 8 . 0 . 0	get it		remarks - general:					
	ETSI publication 05/06/2001 8 . 0 . 1	get it		remarks - this release:					
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1								
R99	current version: 8.0.0	WG (prime / other):	S1 /	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-11 02/05/2001 8 . 0 . 0	get it		remarks - general:					
				remarks - this release:	TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version				

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R99	current version: 8.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version,					
	Upgrade to R99 17/05/2000			get it	remarks - general: SMG9->T3@#31	
					remarks - this release: .	
<hr/>						
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
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	
	history (event, available, version,					
	upgrade to R99 16/11/2000			get it	remarks - general: SMG11->S4 at SMG#30	
	ETSI publication 20/07/2001			get it	remarks - this release: Nov-00: Created to fill the gap.	
<hr/>						
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:	GALLIGO, Michel	ALCATEL S.A.
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	Upgrade to R99 01/05/2000			get it	remarks - general:	
	ETSI publication 17/10/2000			get it	remarks - this release: .	
<hr/>						
TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R99	current version: 8.1.0	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-31 30/11/2000			get it	remarks - general:	
	SP-10 12/01/2001			get it	remarks - this release:	
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R99	current version: 8.1.0	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	Upgrade to R99 10/05/2000			get it	remarks - general:	
	ETSI publication 17/10/2000			get it	remarks - this release: . TSG#10:8.1.0	
	SP-10 12/01/2001			get it		

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.76	Noise Suppression for the AMR					
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		
	history (event, available, version,					
	smg-29	2 . 0 . 0			remarks - general:	
	SP-07 17/03/2000	8 . 0 . 0			remarks - this release:	
	ETSI publication 30/07/2002	8 . 0 . 1				
	(not for 3GPP server)					
					get it	
					get it	
TS 02.94	Follow Me Service description; Stage 1					
R99	current version: 8.0.0		WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd
	freeze_meeting: SP-06		G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,					
	smg-28	1 . 0 . 0			remarks - general:	
	smg-30 11/11/1999	8 . 0 . 0			remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or	
					get it	
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R99	current version: 8.0.0		WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd
	freeze_meeting: SP-06		G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,					
	SP-07 17/03/2000	8 . 0 . 0			remarks - general:	
					remarks - this release: .	
					get it	

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05	Technical performance objectives					
R99	current version: 8.0.0		WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David		ETSI Secretariat
	freeze_meeting: SP-06		G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,					
	Upgrade to R99 30/06/2000	8 . 0 . 0			remarks - general:	
					remarks - this release: .	
					get it	

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R99	current version: 8.3.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: SP-06	G: yes	U:	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-29 30/06/1999			get it	remarks - general:	
	NP-06 17/12/1999			get it	remarks - this release:	
	NP-09 18/10/2000			get it		
	NP-10 21/12/2000			get it		
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	
	history (event, available, version,					
	Upgrade to R99 29/03/2000			get it	remarks - general:	
					remarks - this release:	
TS 03.19	GSM API for SIM toolkit stage 2					
R99	current version: 8.5.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	freeze_meeting: SP-06	G: yes	U:	MCC:	DIETZE, Claus	
	history (event, available, version,					
	Upgrade to R99 27/07/2001			get it	remarks - general: SMG9->T3@#31	
	TP-11 27/07/2001			get it	remarks - this release:	
	TP-12 27/07/2001			get it		
	TP-14 17/01/2002			get it		
	TP-16 19/06/2002			get it		
	editorial post 14/08/2002			get it		
	TP-16					
	TP-17 27/09/2002			get it		
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:	POPE, Maurice	
	history (event, available, version,					
	smg-30 24/11/1999			get it	remarks - general:	
	smg-32 20/06/2000			get it	remarks - this release:	

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

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	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 30/06/1999			get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and
	smg-30 11/11/1999			get it	remarks - this release:	group receive mode".
	smg-30b 06/12/1999			get it		
	smg-31 16/02/2000			get it		
	GP-03 15/02/2001			get it		
	GP-05 29/06/2001			get it		
	GP-10 19/07/2002			get it		
	GP-11 19/09/2002			get it		

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	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	Upgrade to R99 29/03/2000			get it	remarks - general:	
					remarks - this release:	.

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	
	history (event, available, version,					
	smg-29 30/06/1999			get it	remarks - general:	
	smg-30 11/11/1999			get it	remarks - this release:	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0
	smg-30 bis 06/12/1999			get it		
	smg-31 16/02/2000			get it		

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:	POPE, Maurice	
	history (event, available, version,					
	Upgrade to R99 30/06/2000			get it	remarks - general:	
	SP-10 21/12/2000			get it	remarks - this release:	TSG#10:8.1.0

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R99 *current version:* 8.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 30/10/2001 8 . 0 . 1 [get it](#) *remarks - this release:*

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R99 *current version:* 8.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-06 17/12/1999 8 . 0 . 0 (source Klehn) [get it](#) *remarks - general:*
ETSI publication 8 . 0 . 1 ETSI format only. Not for 3GPP use. *remarks - this release:*

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R99 *current version:* 8.8.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-31 16/02/2000 8 . 2 . 0 [get it](#)
TP-08 28/06/2000 8 . 3 . 0 [get it](#)
TP-09 18/10/2000 8 . 4 . 0 [get it](#)
TP-11 09/04/2001 8 . 5 . 0 [get it](#)
TP-12 06/07/2001 8 . 6 . 0 [get it](#)
TP-13 12/10/2001 8 . 7 . 0 [get it](#)
TP-14 17/01/2002 8 . 8 . 0 [get it](#)

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

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
history (event, available, version,
Upgrade to R99 29/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 22/09/2000 8 . 0 . 1 [get it](#) *remarks - this release:* #32:8.1.0
smg-32 20/06/2000 8 . 1 . 0 [get it](#)
ETSI publication 29/11/2000 8 . 1 . 1 [get it](#)

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

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
R99	current version: 8.0.1	WG (prime / other):	G1 / -	rapporteur:	GIRAUD, Alexis	ALCATEL S.A.
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	Upgrade to R99 29/03/2000					
	ETSI publication 29/09/2000					
				get it	remarks - general:	
				get it	remarks - this release:	
<hr/>						
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2					
R99	current version: 8.0.0	WG (prime / other):	S4 / NP /	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-06		S2			
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino	
	Upgrade to R99 30/03/2000					
				get it	remarks - general:	Mar00: prime responsibility txfrd to SMG11
					remarks - this release:	
<hr/>						
TS 03.55	Dual Transfer Mode (DTM); Stage 2					
R99	current version: 8.0.0	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTINEZ,	VODAFONE Group Plc
	freeze_meeting: SP-06				Jose Luis	
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino	
	GP-02 05/01/2001					
				get it	remarks - general:	
					remarks - this release:	GERAN#2: 8.0.0
<hr/>						
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	Upgrade to R99 30/03/2000					
				get it	remarks - general:	
					remarks - this release:	

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 current version: 8.11.0 WG (prime / other): G1 / - rapporteur: LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0	get it remarks - general:
smg-30	11/11/1999	8	.	1	.	0	get it remarks - this release:
smg-30 bis	06/12/1999	8	.	2	.	0	get it
smg-31	16/02/2000	8	.	3	.	0	get it
smg-31 bis	17/04/2000	8	.	4	.	0	get it
smg-32	20/06/2000	8	.	5	.	0	get it
GP-01	09/10/2000	8	.	6	.	0	get it
GP-03	15/02/2001	8	.	7	.	0	get it
GP-04	20/04/2001	8	.	8	.	0	get it
GP-07	04/01/2002	8	.	9	.	0	get it
GP-08	19/02/2002	8	.	10	.	0	get it
GP-14	25/04/2003	8	.	11	.	0	get it

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 current version: 8.2.0 WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0	get it remarks - general:
NP-07	17/03/2000	8	.	1	.	0	get it remarks - this release: #31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32	20/06/2000	8	.	2	.	0	get it

TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 current version: 8.2.0 WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH
freeze_meeting: SP-06 G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0	get it remarks - general:
NP-07	17/03/2000	8	.	1	.	0	get it remarks - this release: TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32	20/06/2000	8	.	2	.	0	get it

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ACTIVE specs R99 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.71 Location Services (LCS); Functional description; Stage 2

R99 *current version:* 8.7.0
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0
SP-11 11/04/2001 8 . 1 . 0
SP-12 29/06/2001 8 . 2 . 0
SP-13 15/10/2001 8 . 3 . 0
SP-14 07/01/2002 8 . 4 . 0
SP-15 02/04/2002 8 . 5 . 0
SP-16 17/06/2002 8 . 6 . 0
SP-17 24/09/2002 8 . 7 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Need identified at TSG#7, since 23.171 does not cover GSM.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 24/06/2002 8 . 0 . 0 technically identical to 23.073 v3.0.1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.
remarks - this release: SP-16: 23.073 reverts to GERAN-only.

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #31: 8.0.0

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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	MOTOROLA A/S	
	freeze_meeting: SP-06				Peter Skov		
		G: yes	U:	MCC:	THOMASEN, Gert		
	history (event, available, version,						
	smg-30 11/11/1999		8 . 0 . 0	get it	remarks - general:		
	ETSI publication 07/09/2001		8 . 0 . 1	get it	remarks - this release:		
	edito 17/06/2002		8 . 0 . 2	get it			
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		
	history (event, available, version,						
	smg-30 11/11/1999		8 . 0 . 0	get it	remarks - general:		
	smg-30 bis 06/12/1999		8 . 1 . 0	get it	remarks - this release:		
	ETSI publication 07/09/2001		8 . 1 . 1	get it			
	edito 17/06/2002		8 . 1 . 2	get it			
TS 04.05	Data Link (DL) Layer General Aspects						
R99	current version: 8.0.2	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06				Peter Skov		
		G: yes	U:	MCC:	THOMASEN, Gert		
	history (event, available, version,						
	Upgrade to R99 30/03/2000		8 . 0 . 0	get it	remarks - general:		
	ETSI publication 22/09/2000		8 . 0 . 1	get it	remarks - this release:		
	edito 17/06/2002		8 . 0 . 2	get it			
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	MOTOROLA A/S	
	freeze_meeting: SP-06				Peter Skov		
		G: yes	U:	MCC:	THOMASEN, Gert		
	history (event, available, version,						
	Upgrade to R99 30/03/2000		8 . 0 . 0	get it	remarks - general:		
	ETSI publication 29/09/2000		8 . 0 . 1	get it	remarks - this release:		
	GP-03 31/01/2001		8 . 1 . 0	get it			
	edito 31/01/2001		8 . 1 . 1	get it			
	GP-08 19/02/2002		8 . 2 . 0	get it			
	edito 17/06/2002		8 . 2 . 1	get it			

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08	Mobile radio interface layer 3 specification								
R99	current version: 8.0.0	WG (prime / other):	N1 / G2	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan				
history (event, available, version,	smg-29 30/06/2000	8 . 0 . 0		get it	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert			
					remarks - this release:	#29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09			
						Thomassen (even numbered CRs!)			
						R99 reinstated until all references corrected (= never!). 2002-02-18: To be			
						withdrawn at NP-15!			
<hr/>									
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	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes U:		MCC:	Peter Skov				
history (event, available, version,	GP-04 24/04/2001	8 . 0 . 0		get it	remarks - general:				
					remarks - this release:	Replaces 24.012 R99.			
<hr/>									
TS 04.13	Performance Requirements on Mobile Radio Interface								
R99	current version: 8.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan				
history (event, available, version,	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
ETSI publication	29/08/2000	8 . 0 . 1		get it	remarks - this release:	#31: 8.0.0			
<hr/>									
TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R99	current version: 8.4.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	THOMASEN, Gert				
history (event, available, version,	Upgrade to R99 30/03/2000	8 . 0 . 0		get it	remarks - general:				
	smg-32 20/06/2000	8 . 1 . 0		get it	remarks - this release:				
	GP-04 24/04/2001	8 . 2 . 0		get it					
	GP-05 18/06/2001	8 . 3 . 0		get it					
	GP-10 19/07/2002	8 . 4 . 0		get it					

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99 *current version:* 8.18.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>
smg-30	11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>
smg-30 bis	06/12/1999	8 . 2 . 0	get it	
smg-31	16/02/2000	8 . 3 . 0	get it	
ETSI publication	05/10/2000	8 . 3 . 1	get it	
smg-31 bis	17/04/2000	8 . 4 . 0	get it	
ETSI publication	17/10/2000	8 . 4 . 1	get it	
smg-32	20/06/2000	8 . 5 . 0	get it	
GP-01	11/10/2000	8 . 6 . 0	get it	
GP-02	21/12/2000	8 . 7 . 0	get it	
GP-03	31/01/2001	8 . 8 . 0	get it	
GP-04	04/05/2001	8 . 9 . 0	get it	
GP-05	18/06/2001	8 . 10 . 0	get it	
GP-06	10/09/2001	8 . 11 . 0	get it	
GP-07	08/01/2002	8 . 12 . 0	get it	
GP-08	19/02/2002	8 . 13 . 0	get it	
GP-09	02/05/2002	8 . 14 . 0	get it	
GP-10	19/07/2002	8 . 15 . 0	get it	
GP-11	16/09/2002	8 . 16 . 0	get it	
GP-12	17/12/2002	8 . 17 . 0	get it	
GP-13	21/02/2003	8 . 18 . 0	get it	

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,

smg-29	30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>
NP-08	28/06/2000	8 . 1 . 0	get it	<i>remarks - this release:</i> #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0
NP-09	18/10/2000	8 . 2 . 0	get it	
NP-10	21/12/2000	8 . 3 . 0	get it	

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)					
R99	current version: 8.10.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	remarks - general:		
	smg-31 bis 17/04/2000	8 . 1 . 0	get it	remarks - this release:		
	GP-02 30/11/2000	8 . 2 . 0	get it			
	GP-03 31/01/2001	8 . 3 . 0	get it			
	GP-04 04/05/2001	8 . 4 . 0	get it			
	GP-05 18/06/2001	8 . 5 . 0	get it			
	GP-06 14/09/2001	8 . 6 . 0	get it			
	GP-07 08/01/2002	8 . 7 . 0	get it			
	GP-08 19/02/2002	8 . 8 . 0	get it			
	GP-09 02/05/2002	8 . 9 . 0	get it			
	GP-10 19/07/2002	8 . 10 . 0	get it			

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			
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	remarks - general:		
	smg-31 bis 17/04/2000	8 . 1 . 0	get it	remarks - this release:		
	GP-01 11/10/2000	8 . 2 . 0	get it			
	GP-03 31/01/2001	8 . 3 . 0	get it			
	GP-07 08/01/2002	8 . 4 . 0	get it			
	edito 17/06/2002	8 . 4 . 1	get it			

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): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL S.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-31 16/02/2000	8 . 0 . 0	get it	remarks - general:		
	ETSI publication 29/08/2000	8 . 0 . 1	get it	remarks - this release: #31: 8.0.0		

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS supervising system Layer 3 Specification

R99 current version: 8.0.1 WG (prime / other): N1 / - rapporteur: HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-06 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) remarks - general:
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) remarks - this release: #31: 8.0.0

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: 8.18.0 WG (prime / other): G2 / - rapporteur: BLACK, Jyoti MOTOROLA
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) remarks - general:
smg-30 11/11/1999 8 . 1 . 0 [get it](#) remarks - this release:
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
ETSI publication 05/10/2000 8 . 3 . 1 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
ETSI publication 17/10/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 27/11/2000 8 . 7 . 0 [get it](#)
GP-03 31/01/2001 8 . 8 . 0 [get it](#)
GP-04 04/05/2001 8 . 9 . 0 [get it](#)
GP-05 29/06/2001 8 . 10 . 0 [get it](#)
GP-06 14/09/2001 8 . 11 . 0 [get it](#)
GP-07 07/01/2002 8 . 12 . 0 [get it](#)
edito 08/01/2002 8 . 12 . 1 [get it](#)
GP-08 19/02/2002 8 . 13 . 0 [get it](#)
GP-09 03/05/2002 8 . 14 . 0 [get it](#)
edito post GP-09 28/05/2002 8 . 14 . 1 [get it](#)
GP-10 19/07/2002 8 . 15 . 0 [get it](#)
GP-11 16/09/2002 8 . 16 . 0 [get it](#)
GP-12 17/12/2002 8 . 17 . 0 [get it](#)
GP-14 25/04/2003 8 . 18 . 0 [get it](#)

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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):	N1 / -	rapporteur:	DOIG, Ian MOTOROLA S.A.S
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-29	30/06/1999	8 . 0 . 0		get it	remarks - general:
smg-30	11/11/1999	8 . 1 . 0		get it	remarks - this release:
Post SP-06	17/12/1999	8 . 2 . 0		get it	
smg-31	16/02/2000	8 . 3 . 0		get it	
NP-08	22/06/2000	8 . 4 . 0		get it	
NP-09	12/10/2000	8 . 5 . 0		get it	
NP-10	02/01/2001	8 . 6 . 0		get it	
NP-14	04/01/2002	8 . 7 . 0		get it	

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
R99	current version: 8.2.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian MOTOROLA S.A.S
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-31	16/02/2000	8 . 0 . 0		get it	remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.
NP-09	12/10/2000	8 . 1 . 0		get it	remarks - this release:
NP-13	02/10/2001	8 . 2 . 0		get it	

TS 04.68	Group Call Control (GCC) Protocol				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-31	16/02/2000	8 . 0 . 0		get it	remarks - general:
NP-07	17/03/2000	8 . 1 . 0		get it	remarks - this release:

TS 04.69	Broadcast Call Control (BCC) protocol				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-31	16/02/2000	8 . 0 . 0		get it	remarks - general:
NP-07	17/03/2000	8 . 1 . 0		get it	remarks - this release:

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

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ACTIVE specs R99 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

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 MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.
smg-31 20/03/2000 8 . 1 . 0 [get it](#) *remarks - this release:*
GP-05 18/06/2001 8 . 2 . 0 [get it](#)
GP-07 08/01/2002 8 . 3 . 0 [get it](#)
edito 17/06/2002 8 . 3 . 1 [get it](#)
GP-10 19/07/2002 8 . 4 . 0 [get it](#)

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R99 *current version:* 8.7.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-32 20/06/2000 8 . 4 . 0 [get it](#)
GP-01 09/10/2000 8 . 5 . 0 [get it](#)
GP-07 04/01/2002 8 . 6 . 0 [get it](#)
GP-14 25/04/2003 8 . 7 . 0 [get it](#)

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.10.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 1

[get it](#) remarks - general:

smg-30 11/11/1999 8 . 1 . 0

[get it](#) remarks - this release:

smg-30 bis 06/12/1999 8 . 2 . 0

[get it](#)

smg-31 16/02/2000 8 . 3 . 0

[get it](#)

smg-31 bis 17/04/2000 8 . 4 . 0

[get it](#)

ETSI publication 8 . 4 . 1

smg-32 20/06/2000 8 . 5 . 0

[get it](#)

ETSI publication 8 . 5 . 1

GP-01 09/10/2000 8 . 6 . 0

[get it](#)

GP-02 24/11/2000 8 . 7 . 0

[get it](#)

GP-03 15/02/2001 8 . 8 . 0

[get it](#)

GP-04 20/04/2001 8 . 9 . 0

[get it](#)

GP-06 01/10/2001 8 . 10 . 0

[get it](#)

TS 05.03 Channel coding

R99 current version: 8.7.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

[get it](#) remarks - general:

smg-30 11/11/1999 8 . 1 . 0

[get it](#) 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

smg-30 bis 06/12/1999 8 . 2 . 0

[get it](#)

smg-31 16/02/2000 8 . 3 . 0

[get it](#)

smg-31 bis 17/04/2000 8 . 4 . 0

[get it](#)

ETSI publication 17/10/2000 8 . 4 . 1

smg-32 20/06/2000 8 . 5 . 0

[get it](#)

GP-02 24/11/2000 8 . 6 . 0

[get it](#)

edito 15/02/2001 8 . 6 . 1

[get it](#)

GP-14 25/04/2003 8 . 7 . 0

[get it](#)

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation

R99 current version: 8.4.0

freeze_meeting: SP-06

history (event, available, version,

smg-28 12/02/1999 8 . 0 . 0

smg-30 bis 06/12/1999 8 . 1 . 0

edito 02/12/2000 8 . 1 . 1

ETSI publication 21/02/2001 8 . 1 . 2

GP-03 15/02/2001 8 . 2 . 0

GP-05 29/06/2001 8 . 3 . 0

GP-07 04/01/2002 8 . 4 . 0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

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[get it](#)

TS 05.05 Radio Transmission and Reception

R99 current version: 8.15.0

freeze_meeting: SP-06

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

smg-30 11/11/1999 8 . 1 . 0

smg-30 bis 06/12/1999 8 . 2 . 0

smg-31 16/02/2000 8 . 3 . 0

ETSI publication 29/09/2000 8 . 3 . 1

smg-31 bis 17/04/2000 8 . 4 . 0

smg-32 20/06/2000 8 . 5 . 0

GP-01 10/10/2000 8 . 6 . 0

GP-02 24/11/2000 8 . 7 . 0

edito 30/11/2000 8 . 7 . 1

GP-03 15/02/2001 8 . 8 . 0

GP-04 20/04/2001 8 . 9 . 0

GP-05 29/06/2001 8 . 10 . 0

GP-06 01/10/2001 8 . 11 . 0

GP-09 06/05/2002 8 . 12 . 0

GP-10 19/07/2002 8 . 13 . 0

GP-11 19/09/2002 8 . 14 . 0

GP-14 25/04/2003 8 . 15 . 0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:

[get it](#) remarks - this release:

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

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http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R99 current version: 8.16.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-07	04/01/2002	8	.	12	.	0
GP-08	19/02/2002	8	.	13	.	0
GP-09	06/05/2002	8	.	14	.	0
GP-10	19/07/2002	8	.	15	.	0
GP-14	25/04/2003	8	.	16	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

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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

MOTOROLA A/S

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0
ETSI publication	05/10/2000	8	.	0	.	1
smg-32	20/06/2000	8	.	1	.	0
GP-02	24/11/2000	8	.	2	.	0
GP-03	15/01/2001	8	.	3	.	0
GP-06	01/10/2001	8	.	4	.	0
GP-07	04/01/2002	8	.	5	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

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

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http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10 Radio subsystem synchronization

R99 current version: 8.11.0

freeze_meeting: SP-06

history (event, available, version,

smg-30 11/11/1999 8 . 0 . 0

smg-30 bis 06/12/1999 8 . 1 . 0

smg-31 16/02/1999 8 . 2 . 0

ETSI publication 29/09/2000 8 . 2 . 1

smg-31 bis 17/04/2000 8 . 3 . 0

smg-32 20/06/2000 8 . 4 . 0

GP-01 10/10/2000 8 . 5 . 0

GP-02 24/11/2000 8 . 6 . 0

edito 30/11/2000 8 . 6 . 1

GP-03 15/02/2001 8 . 7 . 0

GP-04 20/04/2001 8 . 8 . 0

GP-08 19/02/2002 8 . 9 . 0

GP-10 19/07/2002 8 . 10 . 0

GP-13 21/02/2003 8 . 11 . 0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:

[get it](#) remarks - this release:

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TR 05.22 Radio link management in hierarchical networks

R99 current version: 8.0.0

freeze_meeting: SP-06

history (event, available, version,

Upgrade to R99 30/03/2000 8 . 0 . 0

WG (prime / other): G1 / - rapporteur: VAN BUSSEL, Han

G: yes U: MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:

remarks - this release: .

TR 05.50 Background for RF Requirements

R99 current version: 8.2.0

freeze_meeting: SP-06

history (event, available, version,

smg-30 11/11/1999 8 . 0 . 0

smg-31 16/02/2000 8 . 1 . 0

smg-31 bis 17/04/2000 8 . 2 . 0

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

G: yes U: MCC: Peter Skov

MOTOROLA A/S

MCC: USAI, Paolino

[get it](#) remarks - general:

[get it](#) remarks - this release: #30: 8.0.0 #31:8.1.0 #31b:8.2.0

[get it](#)

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem
R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

R99 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
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
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 06.02 Half Rate Speech Processing Functions
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec
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
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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

3GPP specification status

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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				
	history (event, available, version,								
	smg-31 16/02/2000	8	.	0	.	0			
	ETSI Publication 15/11/2000	8	.	0	.	1	get it remarks - general:		
							get it remarks - this release: .		
<hr/>									
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				
	history (event, available, version,								
	smg-31 16/02/2000	8	.	0	.	0	get it remarks - general:		
	ETSI publicatoin 15/11/2000	8	.	0	.	1	get it remarks - this release: .		
<hr/>									
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				
	history (event, available, version,								
	smg-31 16/02/2000	8	.	0	.	0	get it remarks - general:		
	ETSI Publication 15/11/2000	8	.	0	.	1	get it remarks - this release: .		
<hr/>									
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				
	history (event, available, version,								
	smg-31 16/02/2000	8	.	0	.	0	get it remarks - general:		
	ETSI Publication 15/11/2000	8	.	0	.	1	get it remarks - this release: .		
<hr/>									
TS 06.32	Voice Activity Detection (VAD)								
R99	current version: 8.0.1			WG (prime / other): S4 / -	rapporteur: BARRETT, Paul			Indicate persons who left Company and wait for new	
	freeze_meeting: SP-06			G: yes U:	MCC: USAI, Paolino			One	
	history (event, available, version,								
	smg-31 16/02/2000	8	.	0	.	0	get it remarks - general:		
	ETSI Publication 15/11/2000	8	.	0	.	1	get it remarks - this release: .		

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half 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				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				

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				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: #32:8.1.0 TSG#10:8.2.0				
	smg-32 20/06/2000	8 . 1 . 0		get it					
	ETSI publication 30/11/2000	8 . 1 . 1		get it					
	SP-10 20/12/2000	8 . 2 . 0		get it					

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				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	ETSI publication 15/11/2000			get it	remarks - this release:	
	smg-32 20/06/2000			get it		
	SP-10 20/12/2000			get it		
	8 . 0 . 0					
	8 . 0 . 1					
	8 . 1 . 0					
	8 . 2 . 0					
TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	8 . 0 . 0				remarks - this release: .	
TS 06.60	Enhanced full rate speech transcoding					
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	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	ETSI Publication 15/11/2000			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					
TS 06.61	Substitution and muting of lost frames for enhanced full rate 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	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	ETSI Publication 15/11/2000			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					
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	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	ETSI Publication 15/11/2000			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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	
history (event, available, version,				remarks - general:	New at SMG#31. Then became 06.77; new 06.76 has new title.	
SP-07	2 . 0 . 0			remarks - this release:		
SP-07 17/03/2000	8 . 0 . 0	get it				
fix invisible 10/01/2002	8 . 0 . 1	get it				

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	
history (event, available, version,				remarks - general:		
smg-32 20/06/2000	8 . 0 . 0	get it		remarks - this release:	#32:8.0.0 TSG#11:8.1.0	
SP-11 10/04/2001	8 . 1 . 0	get it				
edito 03/05/2001	8 . 1 . 1	get it				

TR 06.78	Results of the AMR noise suppression selection phase					
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	
history (event, available, version,				remarks - general:		
smg-32 20/06/2000	8 . 0 . 0	get it		remarks - this release:		
Addition of VAF 04/04/2003	8 . 0 . 1	get it				
C-Code tool						

TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate 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	
history (event, available, version,				remarks - general:		
smg-31 16/02/2000	8 . 0 . 0	get it		remarks - this release:	.	
ETSI Publication 15/11/2000	8 . 0 . 1	get it				

TS 06.82	Voice Activity Detection (VAD) for enhanced full rate 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	
history (event, available, version,				remarks - general:		
smg-31 16/02/2000	8 . 0 . 0	get it		remarks - this release:	.	
ETSI Publication 15/11/2000	8 . 0 . 1	get it				

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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 MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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 MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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 MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
R99 *current version:* 8.13.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
Fix graphics 16/05/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 27/11/2000 8 . 7 . 0 [get it](#)
GP-03 31/01/2001 8 . 8 . 0 [get it](#)
GP-04 04/05/2001 8 . 9 . 0 [get it](#)
GP-06 14/09/2001 8 . 10 . 0 [get it](#)
GP-07 08/01/2002 8 . 11 . 0 [get it](#)
GP-08 19/02/2002 8 . 12 . 0 [get it](#)
GP-10 19/07/2002 8 . 13 . 0 [get it](#)

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 MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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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	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 17/06/2002 8 . 0 . 1	get it	<i>remarks - this release:</i> .		

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R99	<i>current version:</i> 8.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-31 16/02/2000 8 . 2 . 0	get it			
	smg-31 bis 17/04/2000 8 . 3 . 0	get it			
	GP-01 11/10/2000 8 . 4 . 0	get it			
	GP-02 30/11/2000 8 . 5 . 0	get it			
	edito 23/01/2001 8 . 5 . 1	get it			
	GP-03 31/01/2001 8 . 6 . 0	get it			
	GP-04 04/05/2001 8 . 7 . 0	get it			
	GP-05 18/06/2001 8 . 8 . 0	get it			
	GP-06 05/10/2001 8 . 9 . 0	get it			
	GP-09 06/05/2002 8 . 10 . 0	get it			

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 11/11/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-09 18/10/2000 8 . 2 . 0	get it			
	NP-10 21/12/2000 8 . 3 . 0	get it			
	NP-11 04/04/2001 8 . 4 . 0	get it			
	ETSI-format publication 8 . 4 . 1		ETSI publication only - 3GPP tp 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	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99 11/05/2000			get it	remarks - general:	
	GP-05 18/06/2001			get it	remarks - this release: .	
	edito 17/06/2002			get it		
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	8 . 1 . 0					
	8 . 1 . 1					

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	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	edito 17/06/2002			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					

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	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	edito 17/06/2002			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					

TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	edito 17/06/2002			get it	remarks - this release: .	
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	8 . 0 . 1					

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.56	BSC-BTS Layer 2; Specification					
R99	current version: 8.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: SP-06		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
	edito 17/06/2002 8 . 0 . 1	get it	remarks - this release:			

TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
R99	current version: 8.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: SP-06		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	smg-29 30/06/1999 8 . 0 . 0	get it	remarks - general:			
	smg-30 11/11/1999 8 . 1 . 0	get it	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			
	smg-30 11/11/1999 8 . 2 . 0	get it				
	smg-31 16/02/2000 8 . 3 . 0	get it				
	smg-31 bis 17/04/2000 8 . 4 . 0	get it				
	GP-01 11/10/2000 8 . 5 . 0	get it				
	GP-02 30/11/2000 8 . 6 . 0	get it				

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	MOTOROLA A/S		
	freeze_meeting: SP-06		Peter Skov			
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino			
	smg-30 11/11/1999 8 . 0 . 1	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	remarks - this release:			
	ETSI publication 30/10/2001 8 . 1 . 1	get it				
	GP-08 19/02/2002 8 . 2 . 0	get it				
	replace corrupted figure 2.1 24/01/2003 8 . 2 . 1	get it				

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ACTIVE specs R99 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

R99 current version: 8.0.0

freeze_meeting: SP-06

history (event, available, version,
NP-07 15/03/2000 8 . 0 . 0

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
remarks - this release: .

TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 current version: 8.2.0

freeze_meeting: SP-06

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
NP-10 02/01/2001 8 . 1 . 0
NP-19 24/03/2003 8 . 2 . 0

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
[get it](#) remarks - this release: #31: 8.0.0 TSG#10:8.1.0
[get it](#)

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 current version: 8.6.0

freeze_meeting: SP-06

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
smg-31 bis 17/04/2000 8 . 1 . 0
smg-32 20/06/2000 8 . 2 . 0
GP-01 01/09/2000 8 . 3 . 0
GP-06 14/09/2001 8 . 4 . 0
GP-07 08/01/2002 8 . 5 . 0
GP-10 19/07/2002 8 . 6 . 0

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U: MCC: Peter Skov THOMASEN, Gert

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R99

10 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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

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Server ACTIVE specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

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:* YOON, Sang-Ui
history (event, available, version,
smg-27 09/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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, Paolino
history (event, available, version,
draft 05/01/2000 1 . 20 . 0 [get it](#) *remarks - general:*
draft 01/04/2000 1 . 22 . 0 [get it](#) *remarks - this release:*
draft 25/05/2000 1 . 23 . 0 [get it](#)
smg-32 20/06/2000 8 . 0 . 0 [get it](#)

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R99 *current version:* 8.3.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP
/ G4
G: yes U: *MCC:* SALMERON, Lidia
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-31 16/02/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and
replaced by Rel-5 equivalent. 2001-11-19: G4->G5. reclosed!
ETSI publication 30/10/2000 8 . 1 . 1 [get it](#)
smg-32 20/06/2000 8 . 2 . 0 [get it](#)
GP-06 14/09/2001 8 . 3 . 0 [get it](#)

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

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ACTIVE specs R99 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R99 *current version:* 8.4.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 G4

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
auto upgrade to 8 . 0 . 0 never actually done
R99 from

remarks - general: TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, version

not derived from R96 by CR; also to withdraw the R96 version, since the
previous rel

and to approve a new R99 version not derived from R96 by CR; also to withdraw R99

version will cover all previous Releases. TP-20: accepted by T3 (from G4).

the R96 version, since the R99 version will cover all previous Releases.

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	20/12/2002	8 . 1 . 0	Created correctly by a CR to previous version.	get it
GP-13	21/02/2003	8 . 2 . 0		get it
GP-14	25/04/2003	8 . 3 . 0		get it
TP-20		8 . 4 . 0		

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.9.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0
smg-30 11/11/1999 8 . 1 . 0
smg-31 16/02/2000 8 . 2 . 0
smg-32 20/06/2000 8 . 3 . 0
TP-09 18/10/2000 8 . 4 . 0
TP-11 09/04/2001 8 . 5 . 0
TP-14 17/01/2002 8 . 6 . 0
TP-16 25/06/2002 8 . 7 . 0
TP-17 18/09/2002 8 . 8 . 0
TP-18 02/01/2003 8 . 9 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.13	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card				
R99	<i>current version:</i> 8.2.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>				
	TP-17 18/09/2002 8 . 0 . 0 == v7.4.2	get it	<i>remarks - general:</i>		
	TP-18 02/01/2003 8 . 1 . 0	get it	<i>remarks - this release:</i> No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.		
	TP-19 26/03/2003 8 . 2 . 0	get it			
	replace Annex E 16/04/2003 8 . 2 . 1	get it			
	with correct file				
<hr/>					
TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface				
R99	<i>current version:</i> 8.14.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-06	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 11/11/1999 8 . 1 . 0	get it	<i>remarks - this release:</i> TP-11 to be :withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!		
	smg-31 16/02/2000 8 . 2 . 0	get it			
	Correction of CR 31/05/2000 8 . 2 . 1	get it			
	implementation				
	smg-32 20/06/2000 8 . 3 . 0	get it			
	TP-09 18/10/2000 8 . 4 . 0	get it			
	TP-10 05/01/2001 8 . 5 . 0	get it			
	TP-11 09/04/2001 8 . 6 . 0	get it	To be withdrawn at TSG#12, subsumed in 31.111		
	TP-12 06/07/2001 8 . 7 . 0	get it	Unwithdrawn!		
	TP-13 12/10/2001 8 . 8 . 0	get it			
	TP-14 16/01/2002 8 . 9 . 0	get it			
	TP-15 28/03/2002 8 . 10 . 0	get it			
	TP-16 25/06/2002 8 . 11 . 0	get it			
	TP-18 02/01/2003 8 . 12 . 0	get it			
	TP-19 26/03/2003 8 . 13 . 0	get it			
	TP-20 8 . 14 . 0				

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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.17	Subscriber Interface Module (SIM) test specification								
R99	current version: 8.1.0		WG (prime / other): T3 / -	rapporteur: BREMNER, David				Indicate persons who left Company and wait for new One	
	freeze_meeting: SP-06		G: yes U:	MCC: DIETZE, Claus					
	history (event, available, version,								
	TP-18 02/01/2003 8 . 0 . 0	Technically identical to v7.0.2	get it	remarks - general:					
	TP-19 27/03/2003 8 . 1 . 0		get it	remarks - this release: May 00: R99 not anticipated. TP-18: R99 created.					
<hr/>									
TS 11.21	Base Station System (BSS) equipment specification; Radio aspects								
R99	current version: 8.8.0		WG (prime / other): G3 / -	rapporteur: VACANT,					
	freeze_meeting: SP-06		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	smg-30 bis 06/12/1999 8 . 0 . 0		get it	remarks - general:					
	smg-31 16/02/2000 8 . 1 . 0		get it	remarks - this release:					
	smg-31 bis 17/04/2000 8 . 2 . 0		get it						
	smg-32 20/06/2000 8 . 3 . 0		get it						
	GP-01 01/09/2000 8 . 4 . 0		get it						
	GP-02 24/11/2000 8 . 5 . 0		get it						
	GP-04 18/04/2001 8 . 6 . 0		get it						
	GP-12 03/01/2003 8 . 7 . 0		get it						
	GP-13 21/02/2003 8 . 8 . 0		get it						
<hr/>									
TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters								
R99	current version: 8.0.2		WG (prime / other): G3 / -	rapporteur: VACANT,					
	freeze_meeting: SP-06		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	smg-31 bis 17/04/2000 8 . 0 . 0	based on 5.2.1	get it	remarks - general:					
	start of OAP 24/05/2000 8 . 0 . 1		get it	remarks - this release:					
	ETSI publication 10/10/2000 8 . 0 . 2		get it						

R99

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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

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Server ACTIVE specs R99 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

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	
	history (event, available, version, Upgrade to R99 19/04/2000 8 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
TS 12.04	Performance data measurements					
R99	current version: 8.1.0	WG (prime / other):	S5 / S1 / NP	rapporteur:	TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-06	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, Upgrade to R99 19/04/2000 8 . 0 . 0	get it		remarks - general:		
	SP-16 28/06/2002 8 . 1 . 0	get it		remarks - this release:		
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R99	current version: 8.0.0	WG (prime / other):	G3 / S5	rapporteur:	TRUSS, Michael	MOTOROLA Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, GP-09 06/05/2002 8 . 0 . 0	get it		remarks - general:	SP-13: S5->G3 but no change of rapporteur.	
				remarks - this release:	GP-09 (Usai) created to fill the Release gap.	
TS 12.71	Location Services (LCS); Location services management					
R99	current version: 8.0.1	WG (prime / other):	S5 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, draft 22/09/1999 0 . 0 . 1	get it		remarks - general:	TSG#11:S5 will no longer maintain.	
	draft 18/10/1999 0 . 0 . 2	get it		remarks - this release:	TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.	
	draft 03/12/1999 0 . 0 . 3	get it				
	draft 22/12/1999 0 . 0 . 4	get it				
	draft 17/01/2000 0 . 0 . 5	get it				
	draft 22/05/2000 2 . 0 . 0	get it				
	draft 25/05/2000 2 . 0 . 1	get it				
	SP-08 21/06/2000 7 . 0 . 0	get it				
	SP-08 21/06/2000 8 . 0 . 0	get it				
	ETSI Publication 30/11/2000 8 . 0 . 1	get it				

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

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Server ACTIVE specs R99 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

R99 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

R99 current version: 3.12.0

freeze_meeting: SP-07

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat

G: U: yes MCC: POPE, Maurice

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0		get it	remarks - general:	2003-05: Title changed from "3rd Generation mobile system Release 1999
SP-06	17/12/1999	2	.	0	.	0		get it	remarks - this release:	Specifications".
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	17/03/2000	3	.	0	.	0		get it		
editorial	30/03/2000	3	.	0	.	1		get it		
post-SP-08	28/06/2000	3	.	1	.	0		get it		
SP-10	04/01/2001	3	.	2	.	0		get it		
SP-11	11/04/2001	3	.	3	.	0		get it		
SP-12	05/07/2001	3	.	4	.	0		get it		
SP-13	01/10/2001	3	.	5	.	0		get it		
SP-14	03/01/2002	3	.	6	.	0		get it		
SP-15	27/03/2002	3	.	7	.	0		get it		
SP-16	19/06/2002	3	.	8	.	0		get it		
SP-17	18/09/2002	3	.	9	.	0		get it		
SP-18	03/01/2003	3	.	10	.	0		get it		
SP-19	27/03/2003	3	.	11	.	0		get it		
SP-20		3	.	12	.	0		get it		

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.111	USIM and IC card requirements						
R99	current version: 3.4.0	WG (prime / other):	T3 / -	rapporteur:	KALINER, Stefan	T-MOBILE DEUTSCHLAND	
	freeze_meeting: SP-03	G:	U: yes	MCC:	DIETZE, Claus		
	history (event, available, version,						
	draft 16/10/1998	0	. 0	. 1	get it	remarks - general:	
	Transfer from 04/03/1999	1	. 1	. 0	get it	remarks - this release:	
	smg9 to T3						
	T3 21/04/1999	2	. 0	. 0	get it		
	TP-03 23/04/1999	3	. 0	. 0	get it		
	TP-06 17/12/1999	3	. 0	. 1	get it		
	TP-07 15/03/2000	3	. 1	. 0	get it		
	TP-08 23/06/2000	3	. 2	. 0	get it		
	TP-09 18/10/2000	3	. 3	. 0	get it		
	TP-17 18/09/2002	3	. 4	. 0	get it		

TS 21.133	3G security; Security threats and requirements						
R99	current version: 3.2.0	WG (prime / other):	S3 / -	rapporteur:	CHRISTOFFERSSON, Telia Promotor AB		
	freeze_meeting: SP-03	G:	U: yes	MCC:	Per POPE, Maurice		
	history (event, available, version,						
	draft 20/08/1998	0	. 0	. 1	get it	remarks - general:	
	draft 20/10/1998	1	. 0	. 0	get it	remarks - this release:	
	WG approval 20/12/1998	2	. 0	. 0	get it		
	SP-03 23/04/1999	3	. 0	. 0	get it		
	SP-06 17/12/1999	3	. 1	. 0	get it		
	SP-14 07/01/2002	3	. 2	. 0	get it		

TR 21.810	Report on multi-mode UE issues; ongoing work and identified additional work						
R99	current version: 3.0.0	WG (prime / other):	T2 / -	rapporteur:	PERSSON, Sofi TeliaSonera AB		
	freeze_meeting: SP-08	G:	U: yes	MCC:	RODERMUND, Friedhelm		
	history (event, available, version,						
	TP-08 23/06/2000	3	. 0	. 0	get it	remarks - general:	Was formerly 21.910. Renumbered at TSG#7.
						remarks - this release:	TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0
freeze_meeting: SP-03
history (event, available, version,

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

SP-03 23/04/1999 3 . 0 . 0
SP-04 23/06/1999 3 . 1 . 0
SP-05 13/10/1999 3 . 2 . 0
SP-08 28/06/2000 3 . 3 . 0
SP-09 04/10/2000 3 . 4 . 0
SP-10 04/01/2001 3 . 5 . 0
SP-11 11/04/2001 3 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0
freeze_meeting: SP-07
history (event, available, version,

WG (prime / other): T2 / - *rapporteur:* SOOD, Prem SHARP Corporation
G: U: yes *MCC:* RODERMUND, Friedhelm

TP-03 23/04/1999 0 . 0 . 0
TP-04 18/06/1999 0 . 0 . 3
TP-05 08/10/1999 1 . 0 . 2
TP-06 17/12/1999 1 . 1 . 0
TP-07 2 . 0 . 0 TP-000026
TP-07 15/03/2000 3 . 0 . 0
Editorial 30/03/2000 3 . 0 . 1
TP-08 23/06/2000 3 . 1 . 0
TP-09 16/10/2000 3 . 2 . 0
TP-10 05/01/2001 3 . 3 . 0
TP-13 03/10/2001 3 . 4 . 0
TP-17 16/09/2002 3 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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ACTIVE specs R99 21 .- series
Server http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.905 Vocabulary for 3GPP Specifications

R99 current version: 3.3.0
freeze_meeting: SP-07
history (event, available, version,

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

SP-05 13/10/1999 0 . 0 . 1
SP-07 15/03/2000 3 . 0 . 0 SP-000072
SP-06 17/12/1999 3 . 0 . 0
SP-08 23/06/2000 3 . 1 . 0
edito 08/08/2000 3 . 1 . 1
SP-09 18/10/2000 3 . 2 . 0
SP-13 05/10/2001 3 . 3 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 current version: 3.0.0
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): T2 / - rapporteur: PERSSON, Sofi TeliaSonera AB
G: U: yes MCC: RODERMUND, Friedhelm

TP-03 0 . 1 . 0
TP-04 0 . 2 . 0

TP-05 08/10/1999 1 . 0 . 1
TP-06 17/12/1999 1 . 3 . 2
TP-07 2 . 0 . 0
TP-08 2 . 1 . 0
TP-08 15/03/2000 3 . 0 . 0

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified
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)

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

[get it](#)

TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 current version: 3.0.0
freeze_meeting: SP-07
history (event, available, version,

WG (prime / other): N2 / - rapporteur:
G: yes U: yes MCC: JURISIC, Andrijana

NP-06 17/12/1999 2 . 0 . 0
Revised clause 11 14/01/2000 2 . 1 . 0
NP-08 2 . 1 . 1
NP-08 23/06/2000 3 . 0 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:

[get it](#)

R99 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

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Server 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	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-07	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-06 17/12/1999 3 . 0 . 0	aprvd with CRs	get it	<i>remarks - general:</i> Transfer>TSG#5			
	SP-06 17/12/1999 3 . 1 . 0		get it	<i>remarks - this release:</i>			
	edito 18/01/2000 3 . 1 . 1		get it				
	SP-07 17/03/2000 3 . 2 . 0		get it				
<hr/>							
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)						
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-05	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 1 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0		get it	<i>remarks - this release:</i>			
	SP-07 15/03/2000 3 . 3 . 0		get it				
	SP-08 23/06/2000 3 . 4 . 0		get it				
	SP-09 18/10/2000 3 . 5 . 0		get it				
	SP-11 02/04/2001 3 . 6 . 0		get it				
<hr/>							
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)						
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-08	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-06 17/12/1999 3 . 0 . 0	aprvd with CRs	get it	<i>remarks - general:</i> Transfer>TSG#5			
	SP-06 17/12/1999 3 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-07 17/03/2000 3 . 2 . 0		get it				
	SP-12 27/06/2001 3 . 3 . 0		get it				
<hr/>							
TS 22.004	General on supplementary services						
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-05	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1		get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-06 17/12/1999 3 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-07 15/03/2000 3 . 2 . 0		get it				
	Editorial 15/03/2000 3 . 2 . 1		get it				
	SP-16 04/07/2002 3 . 3 . 0		get it				

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

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TS 22.011	Service accessibility								
R99	current version: 3.8.0			WG (prime / other): S1 / -	rapporteur: GALLAIRE, Jean Paul	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	txferd to 3GPP 01/06/2000	3 . 0 . 0		get it	remarks - general: Transfer>TSG#4				
	SP-05 30/10/1999	3 . 0 . 1		get it	remarks - this release:				
	SP-06 17/12/1999	3 . 1 . 1		get it					
	SP-07 17/03/2000	3 . 2 . 0		get it					
	SP-09 18/10/2000	3 . 3 . 0		get it					
	SP-11 02/04/2001	3 . 4 . 0		get it					
	SP-12 27/06/2001	3 . 5 . 0		get it					
	SP-14 10/01/2002	3 . 6 . 0		get it					
	SP-15 25/03/2002	3 . 7 . 0		get it					
	SP-17 17/09/2002	3 . 8 . 0		get it					

TS 22.016	International Mobile Equipment Identities (IMEI)								
R99	current version: 3.3.0			WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	SP-06 17/12/1999	3 . 1 . 0		get it	remarks - this release:				
	SP-08 28/06/2000	3 . 2 . 0		get it					
	SP-16 04/07/2002	3 . 3 . 0		get it					

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: POPE, Maurice				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	SP-08 28/06/2000	3 . 1 . 0	difficulty in implementing CR	get it	remarks - this release:				
	SP-16 19/06/2002	3 . 2 . 0		get it					
	edito post SP-16 24/06/2002	3 . 2 . 1	corrects change history	get it					

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TS 22.024	Description of Charge Advice Information (CAI)								
R99	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	0	.	1	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5	
								<i>remarks - this release:</i> .	
<hr/>									
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
R99	<i>current version:</i> 3.4.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka				NOKIA Corporation
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 30/10/1999	3	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-05 30/10/1999	3	.	1	.	0	get it	<i>remarks - this release:</i>	
	SP-06 17/12/1999	3	.	2	.	0	get it		
	SP-07 17/03/2000	3	.	3	.	0	get it		
	SP-09 18/10/2000	3	.	4	.	0	get it		
<hr/>									
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-18			G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-18 06/01/2003	3	.	0	.	0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 -> 22.031.	
								<i>remarks - this release:</i> Created from 02.31 R99.	
<hr/>									
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-16			G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002	3	.	0	.	0	get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).	
								<i>remarks - this release:</i> SP-16: Takes over from 02.32 R99.	

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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:	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-05 25/10/1999	3 . 0 . 0		get it	remarks - general:	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	edito 25/10/1999	3 . 0 . 1		get it	remarks - this release:	. Environment (MExE); Stage 1".			
<hr/>									
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 Limited			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 1 . 0		get it	remarks - general:	Transfer>TSG#4			
	SP-06 17/12/1999	3 . 2 . 0		get it	remarks - this release:				
	SP-07 15/03/2000	3 . 3 . 0		get it					
	SP-08 28/06/2000	3 . 4 . 0		get it					
	SP-09 18/10/2000	3 . 5 . 0		get it					
<hr/>									
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				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general:	Transfer>TSG#4			
	SP-07 15/03/2000	3 . 1 . 0		get it	remarks - this release:				
	SP-08 28/06/2000	3 . 2 . 0		get it					
<hr/>									
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				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general:	Transfer>TSG#4			
					remarks - this release:	.			

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TS 22.071	Location Services (LCS); Stage 1					
R99	current version: 3.4.0	WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph	SBC Communications Inc.		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0	get it	remarks - this release:			
	SP-09 18/10/2000 3 . 3 . 0	get it				
	SP-15 25/03/2002 3 . 4 . 0	get it				
<hr/>						
TS 22.072	Call Deflection (CD); Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: RAUCH, Horst	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
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			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general:			
	SP-06 17/12/1999 3 . 2 . 0	get it	remarks - this release:			
	SP-07 15/03/2000 3 . 3 . 0	get it				
	SP-08 28/06/2000 3 . 4 . 0	get it				
	edito 09/08/2000 3 . 4 . 1	get it				
	SP-09 31/10/2000 3 . 5 . 0	get it				
	SP-10 08/01/2001 3 . 6 . 0	get it				
	SP-11 02/04/2001 3 . 7 . 0	get it				
	SP-12 27/06/2001 3 . 8 . 0	get it				
	SP-15 25/03/2002 3 . 9 . 0	get it				
<hr/>						
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			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			

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						Server	ACTIVE specs	R99	22	.- series
								http://www.3gpp.org/ftp/Specs/archive/22_series		
TS 22.081	Line Identification supplementary services; Stage 1									
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i> Transfer>TSG#4					
	SP-05 13/10/1999 3 . 0 . 1			get it	<i>remarks - this release:</i>					
	SP-08 28/06/2000 3 . 2 . 0									
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1									
R99	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne					France Telecom
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i> Transfer>TSG#4					
	SP-05 13/10/1999 3 . 0 . 1				<i>remarks - this release:</i> .					
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1									
R99	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael					EMCOM Ltd
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i> Transfer>TSG#4					
	SP-05 13/10/1999 3 . 0 . 1				<i>remarks - this release:</i> .					
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1									
R99	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael					EMCOM Ltd
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i> Transfer>TSG#4					
	SP-05 13/10/1999 3 . 0 . 1				<i>remarks - this release:</i> .					
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1									
R99	<i>current version:</i> 3.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael					EMCOM Ltd
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i> Transfer>TSG#4					
	SP-05 13/10/1999 3 . 0 . 1			get it	<i>remarks - this release:</i> .					
	SP-06 17/12/1999 3 . 1 . 0									

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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 1 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release:				
TS 22.087	User-to-user signalling (UUS); Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4				
	3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.				remarks - this release:				
	incorporation of 01/02/2000 3 . 1 . 0			get it					
	lost CR from								
TS 22.088	Call Barring (CB) supplementary services; Stage 1								
R99	current version: 3.0.2	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4				
	edito 27/11/2000 3 . 0 . 2			get it	remarks - this release: .				
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4				
	SP-07 15/03/2000 3 . 1 . 0			get it	remarks - this release:				
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4				
	SP-09 18/10/2000 3 . 1 . 0			get it	remarks - this release:				

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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				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.094	Follow Me service description - Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BERGMANN, Ansgar	Deutsche Telekom AG			
	freeze_meeting: SP-06	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-06 17/12/1999 3 . 1 . 0			get it	remarks - general: Transfer>TSG#4. GSM only @TSG#5				
					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.				
<hr/>									
TS 22.096	Name identification supplementary services; 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				
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
R99	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
	history (event, available, version, SP-05 13/10/1999 3 . 1 . 0			get it	remarks - general: Transfer>TSG#4				
	SP-09 18/10/2000 3 . 2 . 0			get it	remarks - this release:				

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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:* EVEN, Anne France Telecom
G: U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
draft 16/09/1998 0 . 1 . 0
draft 16/10/1998 1 . 0 . 0
WG approval 01/02/1999 2 . 0 . 0
Transfer to SP SA 23/04/1999 3 . 0 . 0
SP-03 23/04/1999 3 . 2 . 0
SP-04 23/06/1999 3 . 3 . 0
SP-05 13/10/1999 3 . 4 . 0
SP-06 17/12/1999 3 . 5 . 0
SP-07 15/03/2000 3 . 6 . 0
SP-13 05/10/2001 3 . 7 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
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[get it](#)

TS 22.101 Service aspects; Service principles

R99 *current version:* 3.14.0
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-03 23/04/1999 3 . 5 . 0
SP-04 23/06/1999 3 . 6 . 0
SP-05 13/10/1999 3 . 7 . 0
SP-06 17/12/1999 3 . 8 . 0
SP-07 15/03/2000 3 . 9 . 0
SP-08 28/06/2000 3 . 10 . 0
SP-09 18/10/2000 3 . 11 . 0
SP-10 08/01/2001 3 . 12 . 0
SP-12 27/06/2001 3 . 13 . 0
SP-20 3 . 14 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.105 Services and service capabilities

R99 current version: 3.10.0

freeze_meeting: SP-03

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
draft	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
Under TB change	20/03/1998	3	.	0	.	0
control						
smg-26 to review	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

WG (prime / other): S1 / - rapporteur: EVEN, Anne France Telecom
G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
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[get it](#)
[get it](#)

TS 22.115 Service Aspects Charging and billing

R99 current version: 3.3.0

freeze_meeting: SP-03

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
Milestone 1	19/12/1997	1	.	2	.	2
WG approval	15/01/1999	2	.	0	.	0
TB approval	15/02/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-03	23/04/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0

WG (prime / other): S1 / - rapporteur: MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.
G: yes U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.121	Service aspects; The Virtual Home Environment; Stage 1								
R99	<i>current version:</i> 3.3.1			WG (prime / other):	S1 / -	<i>rapporteur:</i>	OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-04			G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>								
	OSP parts 04/03/1999	0	. 0	. 0		get it	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment;	
	extracted from						<i>remarks - this release:</i>	Stage 1". SP-16: converted from TS to TR.	
	22,121 v3,2,0								
	draft 04/04/1999	0	. 1	. 0		get it			
	SP-04 23/06/1999	3	. 0	. 0		get it			
	SP-05 13/10/1999	3	. 1	. 0		get it			
	SP-07 15/03/2000	3	. 2	. 0		get it			
	SP-08 28/06/2000	3	. 3	. 0		get it			
	SP-16 19/07/2002	3	. 3	. 1	Converted from TS to TR.	get it			
<hr/>									
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems								
R99	<i>current version:</i> 3.6.0					WG (prime / other):	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick
	<i>freeze_meeting:</i> SP-03					G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael
	<i>history (event, available, version,</i>								ORANGE PCS LTD
	Start of work 04/03/1999	0	. 0	. 0		get it	<i>remarks - general:</i>		
	Table of Contents 04/03/1999	0	. 1	. 0		get it	<i>remarks - this release:</i>		
	and Scope								
	First complete 22/04/1999	1	. 0	. 0		get it			
	SP-03 23/01/1999	1	. 2	. 0		get it			
	SP-03 23/04/1999	3	. 0	. 0		get it			
	SP-05 13/10/1999	3	. 1	. 0		get it			
	SP-06 17/12/1999	3	. 2	. 0		get it			
	SP-08 28/06/2000	3	. 3	. 0		get it			
	SP-09 18/10/2000	3	. 4	. 0		get it			
	SP-10 08/01/2001	3	. 5	. 0		get it			
	SP-14 10/01/2002	3	. 6	. 0		get it			

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0
freeze_meeting: SP-06
history (event, available, version,
Start of work 04/03/1999 0 . 0 . 0
Table of Contents 04/03/1999 0 . 1 . 0
and Scope
SP-03 23/04/1999 1 . 0 . 0
SP-05 13/10/1999 3 . 0 . 0
SP-06 17/12/1999 3 . 1 . 0
SP-07 15/03/2000 3 . 2 . 0
SP-08 28/06/2000 3 . 3 . 0
SP-09 18/10/2000 3 . 4 . 0

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: *U:* yes *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0
freeze_meeting: SP-06
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0
SP-05 08/10/1999 1 . 0 . 0
SP-06 17/12/1999 2 . 0 . 0
SP-08 28/06/2000 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
G: *U:* yes *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:* (development in T2)
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0
freeze_meeting: SP-05
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-05 08/10/1999 3 . 0 . 0

WG (prime / other): T2 / NP *rapporteur:* COLBAN, Erik ERICSSON AS
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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

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ACTIVE specs R99 22 .- series
Server http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
Emanuele

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

history (event, available, version,

Table of Contents 19/10/1997 0 . 0 . 1
and Scope

[get it](#) *remarks - general:*

remarks - this release: .

First complete 19/12/1997 1 . 1 . 1

[get it](#)

WG approval 15/02/1998 2 . 0 . 0

[get it](#)

TB approval 20/03/1998 3 . 0 . 0

[get it](#)

SP-03 23/04/1999 3 . 1 . 1

[get it](#)

TR 22.975 Advanced addressing

R99 *current version:* 3.1.0
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* KLEIER, Stephan Vodafone D2 GmbH
Stephan

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

history (event, available, version,

Table of Contents 17/10/1997 0 . 1 . 0
and Scope

[get it](#) *remarks - general:*

remarks - this release: .

First complete 19/12/1997 1 . 0 . 0

[get it](#)

WG approval 15/02/1998 2 . 0 . 0

[get it](#)

TB approval 20/03/1998 3 . 0 . 0

[get it](#)

SP-03 23/04/1999 3 . 0 . 1

[get it](#)

SP-05 13/10/1999 3 . 1 . 0

[get it](#)

R99

23 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002 Network architecture

R99 current version: 3.6.0

freeze_meeting: SP-05

history (event, available, version,

SP-05	13/10/1999	3	.	1	.	0
SP-06	17/12/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0
SP-10	21/12/2000	3	.	4	.	0
SP-14	07/01/2002	3	.	5	.	0
SP-17	24/09/2002	3	.	6	.	0

WG (prime / other): S2 / - rapporteur: SULTAN, Alain SOURCE COM
G: yes U: yes MCC: YOON, Sang-Ui

[get it](#) remarks - general: Transfer>TSG#4,CR at TSG#5
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.003 Numbering, Addressing and Identification

R99 current version: 3.12.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
edito	17/05/2000	3	.	4	.	1
NP-08	28/06/2000	3	.	5	.	0
NP-09	26/10/2000	3	.	6	.	0
NP-10	21/12/2000	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	27/06/2001	3	.	9	.	0
NP-16	21/06/2002	3	.	10	.	0
NP-17	17/09/2002	3	.	11	.	0
NP-20		3	.	12	.	0

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.007 Restoration procedures

R99 current version: 3.5.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 1 . 3
NP-06 15/12/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-08 28/06/2000 3 . 4 . 0
NP-16 21/06/2002 3 . 5 . 0

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
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[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.008 Organisation of subscriber data

R99 current version: 3.8.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-05 13/10/1999 3 . 1 . 0
NP-06 15/12/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-08 28/06/2000 3 . 4 . 0
NP-09 26/10/2000 3 . 5 . 0
NP-12 27/06/2001 3 . 6 . 0
NP-16 21/06/2002 3 . 7 . 0
NP-20 3 . 8 . 0

WG (prime / other): N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.009 Handover procedures

R99 current version: 3.14.0

freeze_meeting: SP-03

WG (prime / other): N1 / N4 rapporteur: FARHOUMAND, Ericsson Incorporated

Rouzbeh

G: yes U: yes

MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-06 17/12/1999 3 . 1 . 0

NP-07 15/03/2000 3 . 2 . 0

edito (SDLs 16/05/2000 3 . 2 . 1

beautified)

NP-08 23/06/2000 3 . 3 . 0

NP-09 06/10/2000 3 . 4 . 0

NP-10 03/01/2001 3 . 5 . 0

NP-11 11/04/2001 3 . 6 . 0

NP-12 06/07/2001 3 . 7 . 0

NP-13 05/10/2001 3 . 8 . 0

NP-14 08/01/2002 3 . 9 . 0

NP-16 20/06/2002 3 . 10 . 0

NP-17 17/09/2002 3 . 11 . 0

NP-18 02/01/2003 3 . 12 . 0

NP-19 24/03/2003 3 . 13 . 0

NP-20 3 . 14 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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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): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

KYMALAINEN, Kimmo

G: yes U: yes

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

edito 06/06/2000 3 . 0 . 1

NP-09 26/10/2000 3 . 1 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.012 Location management procedures

R99 *current version:* 3.3.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-06 15/12/1999 3 . 1 . 0
NP-07 15/03/2000 3 . 2 . 0
CR 23.012-003r3 05/06/2000 3 . 2 . 1
removed (error)
NP-08 23/06/2000 3 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

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

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
NP-17 17/09/2002 3 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:* .
[get it](#)

TS 23.015 Technical realisation of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.016 Subscriber data management; Stage 2

R99 current version: 3.9.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	26/10/2000	3	.	6	.	0
NP-11	30/03/2001	3	.	7	.	0
NP-15	28/03/2002	3	.	8	.	0
NP-17	17/09/2002	3	.	9	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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[get it](#)

TS 23.018 Basic Call Handling; Technical realization

R99 current version: 3.12.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	25/10/2000	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
NP-12	04/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	16/01/2002	3	.	10	.	0
NP-15	28/03/2002	3	.	11	.	0
NP-19	04/04/2003	3	.	12	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: PARK, Ian David

MCC:

KYMALAINEN, Kimmo

VODAFONE LTD

Chalmers

[get it](#) remarks - general:

[get it](#) remarks - this release:

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2							
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rappporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-18							
		<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</i>							
	SP-18 06/01/2003 3 . 0 . 0	Technically identical to 03.31 v8.0.0	get it	<i>remarks - general:</i>	SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &			
				<i>remarks - this release:</i>	Created from 03.31 R99.	Rel-5 -> 23.031.		
TS 23.032	Universal Geographical Area Description (GAD)							
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i>	S2 / -	<i>rappporteur:</i>	HIETALAHTI, Hannu	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-03			<i>MCC:</i>	YOON, Sang-Ui			
	<i>history (event, available, version,</i>							
	SP-03 23/04/1999 3 . 0 . 0		get it	<i>remarks - general:</i>	S2 responsibility?			
	SP-07 15/03/2000 3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-18 07/01/2003 3 . 2 . 0		get it					
	edito post SP-18 10/01/2003 3 . 2 . 1		get it					
	to correct figures							
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2							
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	N1 / -	<i>rappporteur:</i>				
	<i>freeze_meeting:</i> SP-03			<i>MCC:</i>	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>							
	NP-03 23/04/1999 3 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-05 13/10/1999 3 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-06 17/12/1999 3 . 1 . 1		get it					
	NP-07 15/03/2000 3 . 2 . 0		get it					
	NP-10 02/01/2001 3 . 3 . 0		get it					
TS 23.035	Immediate Service Termination (IST); Stage 2							
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S3 / -	<i>rappporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-16							
	<i>history (event, available, version,</i>							
	SP-16 24/06/2002 3 . 0 . 0		get it	<i>remarks - general:</i>	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).			
	SP-17 18/09/2002 3 . 1 . 0		get it	<i>remarks - this release:</i>	SP-16: takes over from 03,35 R99.			

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.038 Alphabets and language-specific information

R99 *current version:* 3.3.0
freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-04 23/06/1999 3 . 1 . 0

TP-05 08/10/1999 3 . 2 . 0
TP-06 17/12/1999 3 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* additional CR for R99 on SMS enhanced message content expected at TSG-T#7.
No, evidently not.

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

TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R99 *current version:* 3.2.0
freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-04 23/06/1999 3 . 0 . 0
TP-06 completed 17/12/1999 3 . 1 . 0
TP-09 04/10/2000 3 . 2 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

TS 23.040 Technical realization of Short Message Service (SMS)

R99 *current version:* 3.10.0
freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-04 23/06/1999 3 . 1 . 0
TP-05 08/10/1999 3 . 2 . 0
TP-06 17/12/1999 3 . 3 . 0
TP-07 15/03/2000 3 . 4 . 0
edito 19/04/2000 3 . 4 . 1
TP-08 23/06/2000 3 . 5 . 0
TP-13 03/10/2001 3 . 6 . 0
TP-14 11/01/2002 3 . 7 . 0
TP-15 21/03/2002 3 . 8 . 0
TP-16 25/06/2002 3 . 9 . 0
TP-20 3 . 10 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0
freeze_meeting: SP-05
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0
TP-05 08/10/1999 3 . 0 . 0
TP-06 17/12/1999 3 . 1 . 0
TP-07 completion 15/03/2000 3 . 2 . 0
target
TP-09 11/10/2000 3 . 3 . 0
TP-12 04/07/2001 3 . 4 . 0
TP-16 25/06/2002 3 . 5 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-04 23/06/1999 3 . 0 . 0
TP-06 17/12/1999 3 . 1 . 0 test vectors provided 23/01/200

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.
[get it](#)

TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0
freeze_meeting: SP-06
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-04 (MExE R98 18/06/1999 1 . 1 . 0
GSM 03.57)
TP-05 08/10/1999 1 . 5 . 0
TP-06 completed 17/12/1999 3 . 0 . 0
TP-07 15/03/2000 3 . 1 . 0
Editorial 15/03/2000 3 . 1 . 1
TP-08 23/06/2000 3 . 2 . 0
TP-09 16/10/2000 3 . 3 . 0
TP-11 27/03/2001 3 . 4 . 0

WG (prime / other): T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
[get it](#) *remarks - this release:*
[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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

R99 current version: 3.15.0 WG (prime / other): S2 / - rapporteur: ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-03 G: yes U: yes MCC: YOON, Sang-Ui

history (event, available, version,

SP-05	13/10/1999	3	.	1	.	0	get it	remarks - general:	Transfer>TSG#4
SP-06	23/12/1999	3	.	2	.	0	get it	remarks - this release:	
SP-07	15/03/2000	3	.	3	.	0	get it		
SP-08	28/06/2000	3	.	4	.	0	get it		
SP-09	04/11/2000	3	.	5	.	0	get it		
SP-10	12/01/2001	3	.	6	.	0	get it		
SP-11	06/04/2001	3	.	7	.	0	get it		
SP-12	29/06/2001	3	.	8	.	0	get it		
SP-13	12/10/2001	3	.	9	.	0	get it		
SP-14	09/01/2002	3	.	10	.	0	get it		
edito		3	.	10	.	1			
SP-15	07/04/2002	3	.	11	.	0	get it		
SP-16	17/06/2002	3	.	12	.	0	get it		
SP-17	02/10/2002	3	.	13	.	0	get it		
SP-18	10/01/2003	3	.	14	.	0	get it		
SP-20		3	.	15	.	0			

TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

R99 current version: 3.3.0 WG (prime / other): N4 / - rapporteur: LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-05 G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-05	13/10/1999	3	.	1	.	0	get it	remarks - general:	Transfer>TSG#4, CR at TSG#5
NP-07	15/03/2000	3	.	2	.	0	get it	remarks - this release:	
NP-08	23/06/2000	3	.	3	.	0	get it		

TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

R99 current version: 3.3.0 WG (prime / other): N4 / - rapporteur: SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it	remarks - general:	
NP-07	15/03/2000	3	.	1	.	0	get it	remarks - this release:	
NP-10	21/12/2000	3	.	2	.	0	get it		
NP-12	27/06/2001	3	.	3	.	0	get it		

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

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TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 current version: 3.3.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: CONRAD, Alan

MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:

[get it](#) remarks - this release: .

[get it](#)

[get it](#)

TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.17.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	09/10/2000	3	.	6	.	0
NP-10	04/01/2001	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	29/06/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	04/01/2002	3	.	11	.	0
NP-15	19/03/2002	3	.	12	.	0
NP-16	17/06/2002	3	.	13	.	0
NP-17	17/09/2002	3	.	14	.	0
NP-18	18/12/2002	3	.	15	.	0
NP-19	25/03/2003	3	.	16	.	0
NP-20		3	.	17	.	0

WG (prime / other): N2 / -

G: yes U: yes

rapporteur: HOMANN, Christian

MCC: JURISIC, Andrijana

ALCATEL SEL AG

[get it](#) remarks - general: CR at TSG#4,CR at TSG#5

[get it](#) remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

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

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TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

R99 *current version:* 3.8.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* CHALMERS
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#4, CR at TSG#5
NP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 13/10/1999 3 . 2 . 0 [get it](#)
NP-06 15/12/1999 3 . 3 . 0 [get it](#)
NP-07 15/03/2000 3 . 4 . 0 [get it](#)
NP-08 23/06/2000 3 . 5 . 0 [get it](#)
NP-09 26/10/2000 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)
NP-18 07/01/2003 3 . 8 . 0 [get it](#)

TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-17 24/09/2002 3 . 2 . 0 [get it](#)

TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 3 . 2 . 0 [get it](#)
NP-08 23/06/2000 3 . 3 . 0 [get it](#)
NP-09 26/10/2000 3 . 4 . 0 [get it](#)
NP-10 21/12/2000 3 . 5 . 0 [get it](#)
NP-12 27/06/2001 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

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

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TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

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

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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):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999			get it	remarks - general:	
	edito 06/06/2000			get it	remarks - this release:	
	NP-09 26/10/2000			get it		

TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999			get it	remarks - general:	
	NP-07 15/03/2000			get it	remarks - this release:	
	NP-09 26/10/2000			get it		

TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	CROOK, Mick	ORANGE PCS LTD
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999			get it	remarks - general:	
	NP-06 17/12/1999			get it	remarks - this release:	
	NP-09 26/10/2000			get it		

TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999			get it	remarks - general:	
	NP-06 17/12/1999			get it	remarks - this release:	
	ETSI Publication 07/11/2000			get it		

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

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TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-09 26/10/2000 3 . 2 . 0	get it				

TS 23.094	Follow Me Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-06 17/12/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
	NP-07 15/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i> Transfer>TSG#6.			
	NP-09 26/10/2000 3 . 2 . 0	get it				

TS 23.096	Name Identification Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 06/06/2000 3 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2					
R99	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-07 15/03/2000 3 . 1 . 1	get it				

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

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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:	YOON, Sang-Ui		
	history (event, available, version,						
	First complete 13/06/1997			get it	remarks - general:		
	Transfer to SP SA 04/03/1999			get it	remarks - this release:		
	WG2						
	SP-03 23/04/1999			get it			
	SP-04 23/06/1999			get it			
	SP-10 21/12/2000			get it			

TS 23.107	Quality of Service (QoS) concept and architecture						
R99	current version: 3.9.0	WG (prime / other):	S2 / -	rapporteur:	GREIS, Marc	NOKIA Corporation	
	freeze_meeting: SP-05	G:	U: yes	MCC:	YOON, Sang-Ui		
	history (event, available, version,						
	SP-05 13/10/1999			get it	remarks - general: was 23.907		
	SP-06 17/12/1999			get it	remarks - this release:		
	SP-07 15/03/2000			get it			
	SP-08 28/06/2000			get it			
	SP-09 19/10/2000			get it			
	SP-10 22/12/2000			get it			
	SP-11 14/05/2001			get it			
	SP-14 07/01/2002			get it			
					CR072r1 erroneously implemented; anticipate correction at SP-15.		
	SP-15 07/04/2002			get it			
	SP-17 24/09/2002			get it			

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):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S	
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	NP-03 23/04/1999			get it	remarks - general: This is clause 7 from 04.08 ex R98.		
	NP-05 13/10/1999			get it	remarks - this release:		
	NP-04 23/06/1999			get it			
	NP-06 17/12/1999			get it			
	NP-07 15/03/2000			get it			

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

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http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.110 UMTS Access Stratum Services and Functions

R99 current version: 3.4.0

freeze_meeting: SP-07

history (event, available, version,

draft 15/02/1997 0 . 3 . 0

Transfer to SP S2 04/03/1999 0 . 3 . 1

SP-03 23/04/1999 3 . 1 . 0

SP-05 13/10/1999 3 . 2 . 0

SP-06 17/12/1999 3 . 3 . 0

SP-07 15/03/2000 3 . 4 . 0

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: YOON, Sang-Ui

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.2.0

freeze_meeting: SP-07

history (event, available, version,

NP-04 30/04/1999 0 . 0 . 0

NP-06 17/12/1999 1 . 0 . 0

NP-07 15/03/2000 3 . 0 . 0

NP-12 27/06/2001 3 . 1 . 0

NP-14 10/01/2002 3 . 2 . 0

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas Indicate persons who left Company and wait for new

G: yes U: yes MCC: KYMALAINEN, Kimmo One

[get it](#) remarks - general: New after TSG#5

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

TS 23.119 Gateway Location Register (GLR); Stage2

R99 current version: 3.0.0

freeze_meeting: SP-07

history (event, available, version,

draft 01/08/1999 0 . 1 . 0

draft 01/09/1999 0 . 2 . 0

draft 01/10/1999 0 . 3 . 0

draft 01/11/1999 0 . 4 . 0

draft 15/11/1999 0 . 5 . 0

N2b, Milan 28/02/2000 1 . 0 . 0

NP-07 21/11/2000 2 . 0 . 0

NP-10 09/01/2001 3 . 0 . 0

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.

G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: New after TSG#5

[get it](#) remarks - this release: Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99

[get it](#)

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[get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.121 Architectural requirements for Release 1999

R99 current version: 3.6.0

freeze_meeting: SP-04

history (event, available, version,

First complete	23/04/1999	0	.	0	.	0
SP-03	23/04/1999	1	.	0	.	0
draft	01/06/1999	1	.	0	.	1
draft	20/06/1999	2	.	0	.	0
SP-04	23/06/1999	3	.	0	.	0
SP-05	13/10/1999	3	.	1	.	0
SP-06	17/12/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0
SP-09	19/10/2000	3	.	4	.	0
SP-10	20/12/2000	3	.	5	.	0
edito	01/02/2001	3	.	5	.	1
SP-16	18/06/2002	3	.	6	.	0

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: DANIEL, Elizabeth

MCC: YOON, Sang-Ui

Lucent Technologies Network Systems UK

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

R99 current version: 3.9.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0

editorial correction	10/02/2000	3	.	1	.	1
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NP-07	15/03/2000	3	.	2	.	0
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NP-08	23/06/2000	3	.	3	.	0
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NP-09	06/10/2000	3	.	4	.	0
-------	------------	---	---	---	---	---

edito	24/10/2000	3	.	4	.	1
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edito	02/11/2000	3	.	4	.	2
-------	------------	---	---	---	---	---

NP-10	02/01/2001	3	.	5	.	0
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NP-11	11/04/2001	3	.	6	.	0
-------	------------	---	---	---	---	---

NP-12	05/07/2001	3	.	7	.	0
-------	------------	---	---	---	---	---

NP-17	17/09/2002	3	.	8	.	0
-------	------------	---	---	---	---	---

NP-18	18/12/2002	3	.	9	.	0
-------	------------	---	---	---	---	---

WG (prime / other): N1 / -

G: U: yes

rapporteur: HIETALAHTI, Hannu

MCC: JORGENSEN, Per Johan

NOKIA Corporation

[get it](#)

remarks - general:

[get it](#)

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

[get it](#)

undo erroneously incorporated CR.

[get it](#)

[get it](#)

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

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

R99 *current version:* 3.4.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, ERICSSON RESEARCH CANADA
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-05 13/10/1999 0 . 3 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.
SP-07 2 . 0 . 0 SP-000089 *remarks - this release:*
SP-07 17/12/1999 3 . 0 . 0 [get it](#)
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-09 06/11/2000 3 . 2 . 0 [get it](#)
SP-10 21/12/2000 3 . 3 . 0 [get it](#)
SP-12 29/06/2001 3 . 4 . 0 [get it](#)

TS 23.135 Multicall supplementary service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-07 15/03/2000 1 . 1 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 0 . 0 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-09 25/10/2000 3 . 2 . 0 [get it](#)

TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
TP-07 15/03/2000 2 . 0 . 0 TP-000028 [get it](#)
Editorial 15/03/2000 3 . 0 . 1 [get it](#)
TP-16 24/06/2002 3 . 1 . 0 [get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)								
R99	current version: 3.10.0	WG (prime / other):	S2 / -	rapporteur:	KÅLL, Jan	NOKIA Corporation			
	freeze_meeting: SP-07	G:	U: yes	MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	SP-05 13/10/1999	1 . 0 . 0		get it	remarks - general:				
	SP-06 17/12/1999	1 . 1 . 0		get it	remarks - this release:				
	SP-07	2 . 0 . 0	SP-000090						
	SP-07 15/03/2000	3 . 0 . 0		get it					
	SP-08 28/06/2000	3 . 1 . 0		get it					
	SP-10 21/12/2000	3 . 2 . 0		get it					
	SP-11 11/04/2001	3 . 3 . 0		get it					
	SP-12 29/06/2001	3 . 4 . 0		get it					
	SP-13 15/10/2001	3 . 5 . 0		get it					
	SP-14 07/01/2002	3 . 6 . 0		get it					
	SP-15 29/03/2002	3 . 7 . 0		get it					
	SP-16 18/06/2002	3 . 8 . 0		get it					
	SP-17 24/09/2002	3 . 9 . 0		get it					
	SP-20	3 . 10 . 0							
<hr/>									
TR 23.814	Separating RR and MM specific parts of the MS Classmark								
R99	current version: 3.1.0	WG (prime / other):	N1 / -	rapporteur:	YOKOTA, Fumihiko	Fujitsu Limited			
	freeze_meeting: SP-06	G:	U: yes	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	NP-05 08/10/1999	0 . 0 . 0		get it	remarks - general: New after TSG#5				
	NP-06 17/12/1999	3 . 0 . 0		get it	remarks - this release: TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.				
	editorial (!) 24/01/2000	3 . 1 . 0		get it					
<hr/>									
TR 23.908	Technical report on Pre-Paging								
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB			
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-03 23/04/1999	0 . 0 . 0		get it	remarks - general:				
	NP-04 23/06/1999	3 . 0 . 0		get it	remarks - this release: .				
	edito 02/05/2000	3 . 0 . 1		get it					

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

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ACTIVE specs R99 23 .- series
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TR 23.909	Technical report on the Gateway Location Register				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-04 23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>	.
	edito 03/05/2000	3 . 0 . 1	get it		
<hr/>					
TR 23.910	Circuit switched data bearer services				
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07	G: U: yes	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version,</i>				
	NP-04 23/06/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
	NP-05 13/10/1999	0 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-06 17/12/1999	1 . 0 . 0	get it		
	NP-07	2 . 0 . 0			
	NP-07 15/03/2000	3 . 0 . 0	get it		
	NP-08 23/06/2000	3 . 1 . 0	get it		
	NP-09 18/10/2000	3 . 2 . 0	get it		
	NP-10 22/12/2000	3 . 3 . 0	get it		
	NP-11 06/04/2001	3 . 4 . 0	get it		
	NP-12 28/06/2001	3 . 5 . 0	get it		
	NP-17 17/09/2002	3 . 6 . 0	get it		
<hr/>					
TR 23.911	Technical report on Out-of-band transcoder control				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	MCC:	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>				
	Creation of WI by 13/10/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	
	WG/TB			<i>remarks - this release:</i>	.
	NP-05 13/10/1999	3 . 0 . 0	get it		
	edito 02/05/2000	3 . 0 . 1	get it		

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.912	Technical report on Super-Charger					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	Creation of WI by	13/10/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	
	WG/TB				<i>remarks - this release:</i> .	
	NP-05	13/10/1999	3 . 0 . 0	get it		
	edito	02/05/2000	3 . 0 . 1	get it		
	edito	09/05/2000	3 . 0 . 2	get it		
	NP-14	10/01/2002	3 . 1 . 0	get it		

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth		TeliaSonera AB
	<i>freeze_meeting:</i> SP-06		<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>					
	SP-03	23/04/1999	0 . 5 . 0	get it	<i>remarks - general:</i>	
	SP-04	23/06/1999	0 . 6 . 0	get it	<i>remarks - this release:</i> July 2001: (Sultan) contents out of date. Replaced by 23.228.	
	SP-05	15/10/1999	1 . 0 . 0	get it		
	SP-06	05/06/2000	3 . 0 . 0	get it		

TR 23.930	Iu Principles					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> AXERUD, Bo		NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i> SP-04		<i>G: U: yes</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>					
	Table of Contents	15/11/1997	0 . 1 . 1	get it	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i> .	
	First complete	01/04/1999	1 . 0 . 0	get it		
	SP-03	23/04/1999	1 . 2 . 1	get it		
	SP-04	23/06/1999	3 . 0 . 0	get it		

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.972 Circuit switched multimedia telephony

R99 current version: 3.0.0

freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated

Rouzbeh

G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

Start of work 21/10/1999 0 . 0 . 1

N1-08 21/10/1999 0 . 0 . 2

N1-09 09/12/1999 0 . 0 . 3

N1-08 revision 29/10/1999 0 . 0 . 3

NP-07 15/03/2000 3 . 0 . 0

[get it](#) remarks - general: New after TSG#5. Minor title change TSG#7.

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

R99

24 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

R99 current version: 3.1.1

freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-07 17/03/2000 3 . 0 . 0

NP-10 02/01/2001 3 . 1 . 0

correction of typo 02/06/2003 3 . 1 . 1

on cover page

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 current version: 3.9.0
freeze_meeting: SP-05
history (event, available, version,

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes MCC: JORGENSEN, Per Johan

NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
edito	25/04/2000	3	.	3	.	1
NP-08	23/06/2000	3	.	4	.	0
NP-09	06/10/2000	3	.	5	.	0
NP-10	02/01/2001	3	.	6	.	0
NP-11	11/04/2001	3	.	7	.	0
NP-14	04/01/2002	3	.	8	.	0
NP-16	24/06/2002	3	.	9	.	0

[get it](#) remarks - general: Transfer>TSG#4,CR at TSG#5
[get it](#) remarks - this release:
[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

3GPP specification status

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

R99 current version: 3.16.0

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew MOTOROLA Ltd

freeze_meeting: SP-03

G: yes U: yes

MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03 23/04/1999 0 . 0 . 0

[get it](#)

remarks - general: CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to

NP-04 23/06/1999 3 . 0 . 0

[get it](#)

remarks - this release: be resolved till Jun00.

NP-05 13/10/1999 3 . 1 . 0

[get it](#)

NP-06 27/12/1999 3 . 2 . 0

[get it](#)

editorial correction 04/01/2000 3 . 2 . 1

[get it](#)

NP-07 15/03/2000 3 . 3 . 0

[get it](#)

edito 25/04/2000 3 . 3 . 1

[get it](#)

NP-08 23/06/2000 3 . 4 . 0

[get it](#)

Editorial 23/06/2000 3 . 4 . 1

[get it](#)

NP-09 06/10/2000 3 . 5 . 0

[get it](#)

NP-10 03/01/2001 3 . 6 . 0

[get it](#)

NP-11 06/04/2001 3 . 7 . 0

[get it](#)

edito 06/07/2001 3 . 7 . 1

[get it](#)

NP-12 13/07/2001 3 . 8 . 0

[get it](#)

NP-13 03/10/2001 3 . 9 . 0

[get it](#)

NP-14 11/01/2002 3 . 10 . 0

[get it](#)

NP-15 22/03/2002 3 . 11 . 0

[get it](#)

NP-16 24/06/2002 3 . 12 . 0

[get it](#)

NP-17 17/09/2002 3 . 13 . 0

[get it](#)

NP-18 02/01/2003 3 . 14 . 0

[get it](#)

NP-19 24/03/2003 3 . 15 . 0

[get it](#)

NP-20 3 . 16 . 0

TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99 current version: 3.2.0

WG (prime / other): N4 / -

rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze_meeting: SP-03

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#)

remarks - general:

NP-08 23/06/2000 3 . 1 . 0

[get it](#)

remarks - this release:

NP-14 10/01/2002 3 . 2 . 0

[get it](#)

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

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ACTIVE specs R99 24 .- series
Server http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface						
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-05		Peter Skov				
	<i>history (event, available, version,</i>	<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	NP-05 13/10/1999		get it	<i>remarks - general:</i> Transfer>TSG#4			
	NP-06 17/12/1999		get it	<i>remarks - this release:</i>			
	NP-07 15/03/2000		get it				
	NP-08 23/06/2000		get it				
	NP-09 06/10/2000		get it				
	NP-10 02/01/2001		get it				
	NP-11 06/04/2001		get it				

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices						
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>						
	NP-03 23/04/1999		get it	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link			
	NP-05 13/10/1999		get it	<i>remarks - this release:</i> Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and			
				the Base Station System - Mobile-services Switching Centre (BSS-MSC)			
	NP-06 11/01/2000		get it				
	NP-08 23/06/2000		get it				
	edito 17/08/2000		get it				
	NP-09 12/10/2000		get it				
	NP-20						

TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3						
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-08	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-07 17/03/2000		get it	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.			
	NP-08 23/06/2000		get it	<i>remarks - this release:</i> TSG#7:Decision to create.			
	NP-12 27/06/2001		get it				
	NP-14 10/01/2002		get it				

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-10 21/12/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-12 27/06/2001 3 . 2 . 0 [get it](#)

TS 24.072 Call Deflection Supplementary Service; Stage 3

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 3 . 2 . 0 [get it](#)
NP-08 23/06/2000 3 . 3 . 0 [get it](#)
NP-09 26/10/2000 3 . 4 . 0 [get it](#)
ASN.1 annex 24/01/2001 3 . 4 . 1 [get it](#)
updated
NP-12 04/07/2001 3 . 5 . 0 [get it](#)
NP-14 10/01/2002 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

TS 24.081 Line Identification Supplementary Service; Stage 3

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.082	Call Forwarding supplementary service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.087	User-to-User Signalling (UUS); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999 3 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999 3 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999 3 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999 3 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999 3 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		

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

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ACTIVE specs R99 24 .- series
Server http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.096 Name Identification Supplementary Service; Stage 3

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*
remarks - this release: .

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version,
NP-07 15/03/2000 3 . 0 . 0
NP-08 23/06/2000 3 . 1 . 0
NP-14 10/01/2002 3 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo
G: U: yes *MCC:* KYMALAINEN, Kimmo

NTT COMWARE Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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R99 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

R99 current version: 3.14.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

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RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

Editorial 15/03/2000 3 . 2 . 1

Editorial 25/04/2000 3 . 2 . 2

RP-08 23/06/2000 3 . 3 . 0

edito 31/07/2000 3 . 3 . 1

RP-09 13/10/2000 3 . 4 . 0

edito 10/11/2000 3 . 4 . 1

RP-10 02/01/2001 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-16 01/07/2002 3 . 11 . 0

RP-18 10/01/2003 3 . 12 . 0

RP-19 04/04/2003 3 . 13 . 0

RP-20 3 . 14 . 0

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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remarks - this release:

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.102 UTRA (UE) TDD; Radio transmission and reception

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-16 01/07/2002 3 . 11 . 0

RP-17 02/10/2002 3 . 12 . 0

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104 UTRA (BS) FDD; Radio transmission and reception

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 13/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-18 10/01/2003 3 . 11 . 0

RP-19 04/04/2003 3 . 12 . 0

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.105 UTRA (BS) TDD: Radio transmission and reception

R99 current version: 3.13.0

freeze_meeting: SP-05

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	16/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 current version: 3.5.0

freeze_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-05	13/10/1999	1	.	2	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	13/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0

WG (prime / other): R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.123 Requirements for support of radio resource management (TDD)

R99 current version: 3.13.0

freeze_meeting: SP-06

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
edito	27/04/2000	3	.	1	.	1
RP-08	23/06/2000	3	.	2	.	0
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	03/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0
RP-20		3	.	13	.	0

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.133 Requirements for support of radio resource management (FDD)

R99 current version: 3.14.0

freeze_meeting: SP-06

history (event, available, version,

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	18/10/2000	3	.	3	.	0
RP-10	09/01/2001	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	17/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0
RP-20		3	.	14	.	0

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base station conformance testing (FDD)

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 1
and Scope

First complete 23/04/1999 0 . 1 . 0

RP-03 23/04/1999 0 . 1 . 0

RP-04 23/06/1999 1 . 0 . 0

RP-05 13/10/1999 2 . 0 . 2

RP-06 12/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 11/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

edito 09/01/2001 3 . 4 . 1

RP-11 05/04/2001 3 . 5 . 0

RP-12 29/06/2001 3 . 6 . 0

RP-13 03/10/2001 3 . 7 . 0

RP-14 16/01/2002 3 . 8 . 0

RP-15 29/03/2002 3 . 9 . 0

RP-16 04/07/2002 3 . 10 . 0

RP-17 04/10/2002 3 . 11 . 0

RP-18 10/01/2003 3 . 12 . 0

RP-19 04/04/2003 3 . 13 . 0

WG (prime / other): R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base station conformance testing (TDD)

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	0	.	0	.	1
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
edito	31/07/2000	3	.	2	.	1
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0

WG (prime / other): R4 / - rapporteur: MEYER, Juergen SIEMENS AG
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
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TS 25.201 Physical layer - general description

R99 current version: 3.4.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	16/10/1998	0	.	0	.	0
First complete	15/02/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	0	.	2
RP-08	23/06/2000	3	.	1	.	0
RP-14	09/01/2002	3	.	2	.	0
RP-15	29/03/2002	3	.	3	.	0
RP-16	28/06/2002	3	.	4	.	0

WG (prime / other): R1 / - rapporteur: TOSKALA, Antti NOKIA Corporation
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99	<i>current version:</i> 3.12.0	WG (<i>prime / other</i>): R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-05	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa	
<i>history (event, available, version, and Scope</i>	Table of Contents 04/02/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
First complete	04/03/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>
RP-03	23/04/1999	2 . 0 . 0	get it	
RP-04	23/06/1999	2 . 1 . 0	get it	
RP-05	13/10/1999	3 . 0 . 0	get it	
RP-06	12/12/1999	3 . 1 . 0	get it	
RP-07	15/03/2000	3 . 2 . 0	get it	
RP-08	23/06/2000	3 . 3 . 0	get it	
RP-09	18/10/2000	3 . 4 . 0	get it	
RP-10	22/12/2000	3 . 5 . 0	get it	
RP-11	05/04/2001	3 . 6 . 0	get it	
RP-12	28/06/2001	3 . 7 . 0	get it	
RP-13	08/10/2001	3 . 8 . 0	get it	
RP-14	09/01/2002	3 . 9 . 0	get it	
RP-15	29/03/2002	3 . 10 . 0	get it	
RP-16	28/06/2002	3 . 11 . 0	get it	
RP-17	27/09/2002	3 . 12 . 0	get it	

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.212 Multiplexing and channel coding (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-14 09/01/2002 3 . 8 . 0

RP-15 29/03/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

RP-17 27/09/2002 3 . 11 . 0

WG (prime / other): R1 / - rapporteur: TANAKA, Yoshinori

G: U: yes MCC: SASAKI, Tsukasa

Fujitsu Limited

[get it](#) remarks - general:
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TS 25.213 Spreading and modulation (FDD)

R99 current version: 3.8.0

freeze_meeting: SP-05

history (event, available, version,

draft 04/02/1999 0 . 0 . 0

draft 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 05/04/2001 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-14 09/01/2002 3 . 7 . 0

RP-16 28/06/2002 3 . 8 . 0

WG (prime / other): R1 / - rapporteur: CHAMBERS, Peter

G: U: yes MCC: SASAKI, Tsukasa

SIEMENS AG

[get it](#) remarks - general:
remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-20		3	.	12	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

[get it](#) remarks - general:
[get it](#) remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99	<i>current version:</i> 3.11.0	WG (<i>prime / other</i>):	R1 / -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Panasonic Mobile Communications Co.,Ltd.
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version,</i>						
Table of Contents	04/02/1999	0	.	0	.	0
and Scope				get it	<i>remarks - general:</i>	
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

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remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.222 Multiplexing and channel coding (TDD)

R99 current version: 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

edito 03/05/2000 3 . 2 . 1

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-15 29/03/2002 3 . 8 . 0

RP-16 28/06/2002 3 . 9 . 0

RP-17 27/09/2002 3 . 10 . 0

WG (prime / other): R1 / - rapporteur: KAHTAVA, Jussi
G: U: yes MCC: SASAKI, Tsukasa

Nokia Japan Co. Ltd

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05

WG (*prime / other*): R1 / - *rapporteur:* VACANT,
G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
Creation of WI by 15/01/1999 0 . 0 . 0
WG/TB
First complete 04/03/1999 1 . 0 . 0
RP-03 23/04/1999 2 . 0 . 0
RP-04 23/06/1999 2 . 1 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-11 05/04/2001 3 . 5 . 0
RP-12 28/06/2001 3 . 6 . 0
RP-13 08/10/2001 3 . 7 . 0
RP-15 29/03/2002 3 . 8 . 0

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remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.224 Physical layer procedures (TDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 28/06/2001 3 . 7 . 0

RP-13 08/10/2001 3 . 8 . 0

RP-14 09/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-17 27/09/2002 3 . 11 . 0

RP-18 07/01/2003 3 . 12 . 0

WG (prime / other): R1 / - rapporteur: OESTREICH, Stefan SIEMENS AG

G: U: yes MCC: SASAKI, Tsukasa

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remarks - this release:

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TS 25.225 Physical layer; Measurements (TDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 28/06/2001 3 . 7 . 0

RP-13 08/10/2001 3 . 8 . 0

RP-14 09/01/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

RP-17 27/09/2002 3 . 11 . 0

RP-20 3 . 12 . 0

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu NEC Corporation

G: U: yes MCC: SASAKI, Tsukasa

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.301 Radio Interface Protocol Architecture

R99 current version: 3.11.0

freeze_meeting: SP-03

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0
and Scope

First complete 04/03/1999 1 . 0 . 0

WG approval 16/04/1999 2 . 0 . 0

RP-03 23/04/1999 3 . 0 . 0

RP-04 23/06/1999 3 . 1 . 0

RP-05 13/10/1999 3 . 2 . 0

RP-06 17/12/1999 3 . 3 . 0

RP-07 15/03/2000 3 . 4 . 0

RP-08 30/06/2000 3 . 5 . 0

RP-09 16/10/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-14 04/01/2002 3 . 9 . 0

RP-16 17/06/2002 3 . 10 . 0

RP-17 18/09/2002 3 . 11 . 0

WG (prime / other): R2 / - rapporteur: GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: U: yes MCC: ARZELIER, Claude

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.302 Services provided by the physical layer

R99 current version: 3.15.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 3 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 4 . 0

RP-08 23/06/2000 3 . 5 . 0

RP-09 16/10/2000 3 . 6 . 0

RP-10 20/12/2000 3 . 7 . 0

RP-11 27/03/2001 3 . 8 . 0

RP-12 19/06/2001 3 . 9 . 0

RP-13 02/10/2001 3 . 10 . 0

RP-14 04/01/2002 3 . 11 . 0

RP-15 19/03/2002 3 . 12 . 0

RP-16 17/06/2002 3 . 13 . 0

RP-17 18/09/2002 3 . 14 . 0

RP-18 20/12/2002 3 . 15 . 0

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: U: yes MCC: ARZELIER, Claude

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remarks - general:

V3.0.0 approved via e-mail July 99 CR at TSG#5?

remarks - this release:

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.303 Interlayer procedures in Connected Mode

R99 current version: 3.12.0

freeze_meeting: SP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 16/10/2000 3 . 5 . 0

RP-10 20/12/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-13 02/10/2001 3 . 9 . 0

RP-14 04/01/2002 3 . 10 . 0

RP-15 19/03/2002 3 . 11 . 0

RP-16 17/06/2002 3 . 12 . 0

WG (prime / other): R2 / - rapporteur: RINNE, Mikko J
G: U: yes MCC: ARZELIER, Claude

Nokia Research Center

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remarks - this release:

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

R99 current version: 3.13.0 WG (prime / other): R2 / - rapporteur: MAHKONEN, Marko NOKIA Corporation

freeze_meeting: SP-05

G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

Start of work	15/01/1999	0	.	1	.	1
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	2	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	16/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	27/06/2001	3	.	7	.	0
RP-13	02/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	19/03/2002	3	.	10	.	0
RP-16	17/06/2002	3	.	11	.	0
RP-18	08/01/2003	3	.	12	.	0
RP-20		3	.	13	.	0

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TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 current version: 3.9.0 WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

freeze_meeting: RP-07

G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

RP-05	13/10/1999	1	.	4	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	16/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	27/03/2001	3	.	5	.	0
RP-12	19/06/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0
RP-20		3	.	9	.	0

[get it](#) remarks - general: Created from 25.923
[get it](#) remarks - this release:
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-10	22/12/2000	3	.	0	.	0	get it	<i>remarks - general:</i>	Converted from TR 25.926 at TSG#10.
RP-11	27/03/2001	3	.	1	.	0	get it	<i>remarks - this release:</i>	Converted from TR 25.926 v3.2.0 Nov 00.
RP-12	19/06/2001	3	.	2	.	0	get it		
RP-13	02/10/2001	3	.	3	.	0	get it		
RP-14	04/01/2002	3	.	4	.	0	get it		
RP-15	19/03/2002	3	.	5	.	0	get it		
RP-16	17/06/2002	3	.	6	.	0	get it		
RP-18	08/01/2003	3	.	7	.	0	get it		
RP-20		3	.	8	.	0			

TS 25.307 Requirements on UEs supporting a release-independent frequency band

R99 *current version:* 3.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-13 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-12	27/06/2001	2	.	0	.	0	RP-010326, to be approved RP-13.	get it	<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling
RP-13	01/10/2001	2	.	1	.	0	RP-010557, but not for approval? - RMM requirements.	get it	<i>remarks - this release:</i>	Expect continual updates each time a new band is allowed. requirements, R4 = RF & debate!
RP-13	02/10/2001	3	.	0	.	0	Was approved after all!	get it		
RP-14	04/01/2002	3	.	1	.	0		get it		

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.321 Medium Access Control (MAC) protocol specification

R99 current version: 3.15.0

freeze_meeting: TP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

draft 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 16/10/2000 3 . 5 . 0

RP-10 20/12/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-13 02/10/2001 3 . 9 . 0

RP-14 04/01/2002 3 . 10 . 0

RP-15 19/03/2002 3 . 11 . 0

RP-16 17/06/2002 3 . 12 . 0

RP-17 18/09/2002 3 . 13 . 0

RP-18 08/01/2003 3 . 14 . 0

RP-19 25/03/2003 3 . 15 . 0

WG (prime / other): R2 / -

G: U: yes

rapporteur: NEMETHOVA, Olivia

MCC: ARZELIER, Claude

SIEMENS AG

[get it](#)

remarks - general:

remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

R99 current version: 3.15.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 16/10/2000 3 . 4 . 0

RP-10 20/12/2000 3 . 5 . 0

RP-11 27/03/2001 3 . 6 . 0

RP-12 19/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 04/01/2002 3 . 9 . 0

RP-15 19/03/2002 3 . 10 . 0

RP-16 17/06/2002 3 . 11 . 0

RP-17 19/09/2002 3 . 12 . 0

RP-18 10/01/2003 3 . 13 . 0

RP-19 25/03/2003 3 . 14 . 0

RP-20 3 . 15 . 0

WG (prime / other): R2 / - rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION

G: U: yes MCC: ARZELIER, Claude

[get it](#) remarks - general:
remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 *current version:* 3.10.0

freeze_meeting: SP-06

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	06/10/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-12	19/06/2001	3	.	5	.	0
RP-13	02/10/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0
RP-16	17/06/2002	3	.	9	.	0
RP-17	18/09/2002	3	.	10	.	0

WG (prime / other): R2 / -

G: U: yes

rapporteur: HANS, Martin

MCC: ARZELIER, Claude

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.7.0

freeze_meeting: SP-06

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-16	17/06/2002	3	.	5	.	0
RP-18	13/01/2003	3	.	6	.	0
RP-19	25/03/2003	3	.	7	.	0

WG (prime / other): R2 / -

G: U: yes

rapporteur: HARTL, Mike

MCC: ARZELIER, Claude

Vodafone D2 GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.15.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 06/10/2000 3 . 4 . 0

removal of CR 06/10/2000 3 . 4 . 1

RP-10 21/12/2000 3 . 5 . 0

RP-11 27/03/2001 3 . 6 . 0

RP-12 27/06/2001 3 . 7 . 0

RP-13 01/10/2001 3 . 8 . 0

RP-14 04/01/2002 3 . 9 . 0

RP-15 25/03/2002 3 . 10 . 0

RP-16 17/06/2002 3 . 11 . 0

RP-17 18/09/2002 3 . 12 . 0

RP-18 09/01/2003 3 . 13 . 0

RP-19 25/03/2003 3 . 14 . 0

RP-20 3 . 15 . 0

WG (prime / other): R2 / -

G: U: yes

rapporteur: KUCHIBHOTLA, Ravi

MCC: ARZELIER, Claude

MOTOROLA Ltd

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remarks - general:

remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.401 UTRAN overall description

R99 current version: 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope First complete 04/03/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 1 . 1

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 05/10/2000 3 . 4 . 0

RP-10 21/12/2000 3 . 5 . 0

RP-11 06/04/2001 3 . 6 . 0

RP-12 06/07/2001 3 . 7 . 0

RP-13 12/10/2001 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

WG (prime / other): R3 / - rapporteur: CALMEL, Jean-Marie

G: U: yes MCC: KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

[get it](#) remarks - general: Approval at TSG#5
remarks - this release:

[get it](#)

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TS 25.402 Synchronisation in UTRAN Stage 2

R99 current version: 3.10.0

freeze_meeting: SP-06

history (event, available, version,

RP-05 13/10/1999 0 . 0 . 1

RP-06 17/12/1999 3 . 0 . 0

RP-07 17/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 05/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 06/04/2001 3 . 5 . 0

RP-12 06/07/2001 3 . 6 . 0

RP-13 12/10/2001 3 . 7 . 0

RP-14 11/01/2002 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

WG (prime / other): R3 / - rapporteur: PIOLINI, Flavio

G: U: yes MCC: KRAUSE, Joern

Indicate persons who left Company and wait for new One

[get it](#) remarks - general: New
remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 current version: 3.8.0

freeze_meeting: SP-05

history (event, available, version,

draft	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	2	.	1
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-10	21/12/2000	3	.	3	.	0
RP-12	06/07/2001	3	.	4	.	0
RP-13	12/10/2001	3	.	5	.	0
RP-14	11/01/2002	3	.	6	.	0
RP-16	28/06/2002	3	.	7	.	0
RP-17	30/09/2002	3	.	8	.	0

WG (prime / other): R3 / - rapporteur: TOWNEND, Richard mmO2 plc
G: U: yes MCC: KRAUSE, Joern

[get it](#) remarks - general: Approval at TSG#5

[get it](#) remarks - this release:

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TS 25.411 UTRAN Iu interface layer 1

R99 current version: 3.5.0

freeze_meeting: SP-04

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
TB adoption of WI	15/01/1999	0	.	0	.	0
Creation of WI by	15/01/1999	0	.	0	.	0
WG/TB						
RP-04	23/06/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-10	21/12/2000	3	.	3	.	0
RP-11	06/04/2001	3	.	4	.	0
RP-12	06/07/2001	3	.	5	.	0

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V. SIEMENS AG
G: U: yes MCC: KRAUSE, Joern

[get it](#) remarks - general:

[get it](#) remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.412 UTRAN Iu interface signalling transport

R99 current version: 3.6.0

freeze_meeting: SP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 17/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 05/10/2000 3 . 5 . 0

RP-10 21/12/2000 3 . 6 . 0

WG (prime / other): R3 / -

G: U: yes

rapporteur: THAKARE, Kiran

MCC: KRAUSE, Joern

RadioScape Limited

[get it](#) remarks - general:
remarks - this release:

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TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

draft 04/02/1999 0 . 0 . 0

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 0 . 2

RP-05 13/10/1999 1 . 3 . 1

RP-06 17/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 05/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 06/04/2001 3 . 5 . 0

RP-12 06/07/2001 3 . 6 . 0

RP-13 12/10/2001 3 . 7 . 0

RP-14 14/01/2002 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 05/07/2002 3 . 10 . 0

RP-17 30/09/2002 3 . 11 . 0

edito post RP-17 03/10/2002 3 . 11 . 1

RP-18 03/01/2003 3 . 12 . 0

RP-20 3 . 13 . 0

WG (prime / other): R3 / -

G: U: yes

rapporteur: JUSSILA, Jyrki

MCC: KRAUSE, Joern

NOKIA Corporation

[get it](#) remarks - general:
remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.415 UTRAN Iu interface user plane protocols

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	26/09/2002	3	.	12	.	0

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain
G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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: TAYLOR, Carolyn

MOTOROLA Ltd

G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

RP-06 17/12/1999 0 . 0 . 0

[get it](#) remarks - general:
remarks - this release:

RP-07 2 . 0 . 0 RP-000113

RP-07 15/03/2000 3 . 0 . 0

[get it](#)

RP-08 23/06/2000 3 . 1 . 0

[get it](#)

RP-09 05/10/2000 3 . 2 . 0

[get it](#)

RP-10 21/12/2000 3 . 3 . 0

[get it](#)

RP-11 06/04/2001 3 . 4 . 0

[get it](#)

RP-12 06/07/2001 3 . 5 . 0

[get it](#)

RP-13 12/10/2001 3 . 6 . 0

[get it](#)

RP-14 11/01/2002 3 . 7 . 0

[get it](#)

RP-15 02/04/2002 3 . 8 . 0

[get it](#)

RP-16 28/06/2002 3 . 9 . 0

[get it](#)

RP-17 30/09/2002 3 . 10 . 0

[get it](#)

RP-20 3 . 11 . 0

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: THAKARE, Kiran

RadioScape Limited

G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

RP-03 23/04/1999 0 . 1 . 0

[get it](#) remarks - general:
remarks - this release:

RP-04 23/06/1999 0 . 1 . 3

[get it](#)

RP-05 13/10/1999 1 . 0 . 1

[get it](#)

RP-06 12/12/1999 3 . 0 . 0

[get it](#)

RP-07 15/03/2000 3 . 1 . 0

[get it](#)

RP-09 05/10/2000 3 . 2 . 0

[get it](#)

RP-11 05/04/2001 3 . 3 . 0

[get it](#)

RP-14 11/01/2002 3 . 4 . 0

[get it](#)

RP-15 02/04/2002 3 . 5 . 0

[get it](#)

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-11 06/04/2001 3 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 25.422 UTRAN Iur interface signalling transport

R99 *current version:* 3.6.1
freeze_meeting: SP-04
history (event, available, version,
WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0
RP-06 12/12/1999 3 . 2 . 0
RP-07 15/03/2000 3 . 3 . 0
RP-08 23/06/2000 3 . 4 . 0
edito 05/10/2000 3 . 4 . 1
RP-10 21/12/2000 3 . 5 . 0
RP-14 11/01/2002 3 . 6 . 0
edito post RP-14 02/04/2002 3 . 6 . 1

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling						
R99	current version: 3.13.0	WG (prime / other):	R3 / -	rapporteur:	RUNE, Göran	Ericsson AB	
	freeze_meeting: SP-06	G:	U: yes	MCC:	KRAUSE, Joern		
history (event, available, version,							
draft	19/03/1999	0 . 0 . 0		get it	remarks - general:		
RP-03	23/04/1999	1 . 0 . 0		get it	remarks - this release:		
RP-04	23/06/1999	1 . 1 . 1		get it			
RP-05	13/10/1999	1 . 4 . 0		get it			
RP-06	12/12/1999	3 . 0 . 0		get it			
RP-07	15/03/2000	3 . 1 . 0		get it			
RP-08	23/06/2000	3 . 2 . 0		get it			
RP-09	05/10/2000	3 . 3 . 0		get it			
RP-10	02/01/2001	3 . 4 . 0		get it			
RP-11	06/04/2001	3 . 5 . 0		get it			
RP-12	06/07/2001	3 . 6 . 0		get it			
RP-13	12/10/2001	3 . 7 . 0		get it			
RP-14	11/01/2002	3 . 8 . 0		get it			
RP-15	02/04/2002	3 . 9 . 0		get it			
RP-16	05/07/2002	3 . 10 . 0		get it			
RP-17	30/09/2002	3 . 11 . 0		get it			
RP-18	03/01/2003	3 . 12 . 0		get it			
RP-19	26/03/2003	3 . 13 . 0		get it			

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.424 UTRAN lur interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0		get it	<i>remarks - general:</i>
RP-03	23/04/1999	1	.	0	.	0		get it	<i>remarks - this release:</i>
RP-04	23/06/1999	3	.	0	.	0		get it	
RP-06	12/12/1999	3	.	1	.	0		get it	
RP-05	13/10/1999	3	.	1	.	0		get it	
RP-07	15/03/2000	3	.	2	.	0		get it	
RP-08	23/06/2000	3	.	3	.	0		get it	
RP-09	05/10/2000	3	.	4	.	0		get it	
RP-10	21/12/2000	3	.	5	.	0		get it	
RP-11	06/04/2001	3	.	6	.	0		get it	
RP-14	11/01/2002	3	.	7	.	0		get it	
RP-15	02/04/2002	3	.	8	.	0		get it	
RP-16	28/06/2002	3	.	9	.	0		get it	

TS 25.425 UTRAN lur interface user plane protocols for CCH data streams

R99 *current version:* 3.7.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,

draft	19/03/1999	0	.	0	.	0		get it	<i>remarks - general:</i>
RP-03	23/04/1999	0	.	1	.	0		get it	<i>remarks - this release:</i>
RP-04	23/06/1999	0	.	2	.	0		get it	
RP-05	13/10/1999	0	.	2	.	5		get it	
RP-06	12/12/1999	3	.	0	.	0		get it	
RP-07	15/03/2000	3	.	1	.	0		get it	
RP-08	23/06/2000	3	.	2	.	0		get it	
RP-10	21/12/2000	3	.	3	.	0		get it	
RP-11	06/04/2001	3	.	4	.	0		get it	
RP-13	12/10/2001	3	.	5	.	0		get it	
RP-14	11/01/2002	3	.	6	.	0		get it	
RP-15	02/04/2002	3	.	7	.	0		get it	

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams					
R99	current version: 3.9.0	WG (prime / other): R3 / -	rapporteur: KEKKI, Sami	NOKIA Corporation		
	freeze_meeting: SP-04	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,					
	WG approval	19/03/1999	0 . 0 . 0	get it	remarks - general:	
	RP-03	23/04/1999	1 . 0 . 0	get it	remarks - this release:	
	RP-04	23/06/1999	3 . 0 . 0	get it		
	RP-05	13/10/1999	3 . 1 . 0	get it		
	RP-07	15/03/2000	3 . 2 . 0	get it		
	RP-08	23/06/2000	3 . 3 . 0	get it		
	RP-09	05/10/2000	3 . 4 . 0	get it		
	RP-10	21/12/2000	3 . 5 . 0	get it		
	RP-11	06/04/2001	3 . 6 . 0	get it		
	RP-14	11/01/2002	3 . 7 . 0	get it		
	RP-15	04/04/2002	3 . 8 . 0	get it		
	RP-16	28/06/2002	3 . 9 . 0	get it		

TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams					
R99	current version: 3.10.0	WG (prime / other): R3 / -	rapporteur: LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND		
	freeze_meeting: SP-05	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,					
	RP-03	23/04/1999	0 . 1 . 0	get it	remarks - general:	
	RP-04	23/06/1999	0 . 2 . 1	get it	remarks - this release:	
	RP-05	13/10/1999	3 . 0 . 0	get it		
	RP-06	12/12/1999	3 . 1 . 0	get it		
	RP-07	15/03/2000	3 . 2 . 0	get it		
	RP-08	23/06/2000	3 . 3 . 0	get it		
	RP-09	05/10/2000	3 . 4 . 0	get it		
	RP-10	21/12/2000	3 . 5 . 0	get it		
	RP-11	06/04/2001	3 . 6 . 0	get it		
	RP-12	06/07/2001	3 . 7 . 0	get it		
	RP-13	12/10/2001	3 . 8 . 0	get it		
	RP-14	11/01/2002	3 . 9 . 0	get it		
	RP-18	03/01/2003	3 . 10 . 0	get it		

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.430 UTRAN lub Interface: General Aspects and Principles

R99 current version: 3.8.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R3 / - rapporteur: WILSON, Mick
G: U: yes MCC: KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 0 . 1 . 2
RP-05 13/10/1999 2 . 0 . 0
RP-06 12/12/1999 3 . 0 . 0
RP-07 15/03/2000 3 . 1 . 0
RP-08 23/06/2000 3 . 2 . 0
RP-09 05/10/2000 3 . 3 . 0
RP-10 21/12/2000 3 . 4 . 0
RP-11 06/04/2001 3 . 5 . 0
RP-12 06/07/2001 3 . 6 . 0
RP-14 11/01/2002 3 . 7 . 0
RP-16 28/06/2002 3 . 8 . 0

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TS 25.431 UTRAN lub interface Layer 1

R99 current version: 3.1.0
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V.
G: U: yes MCC: KRAUSE, Joern

SIEMENS AG

RP-03 23/04/1999 0 . 0 . 0
Creation of WI by 15/01/1999 0 . 0 . 0
WG/TB
RP-04 23/06/1999 3 . 0 . 0
RP-11 06/04/2001 3 . 1 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 25.432 UTRAN lub interface: signalling transport

R99 current version: 3.1.0
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): R3 / - rapporteur: WILSON, Mick
G: U: yes MCC: KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 1 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16	19/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19	31/03/2003	3	.	13	.	0

WG (prime / other): R3 / - rapporteur: ISHIKAWA, Nobutaka NTT DoCoMo Inc
G: U: yes MCC: KRAUSE, Joern

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[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* ALDEN, Magnus TeliaSonera AB
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - this release:*
RP-04 23/06/1999 3 . 0 . 0 [get it](#)
RP-05 13/10/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-09 05/10/2000 3 . 3 . 0 [get it](#)
RP-10 21/12/2000 3 . 4 . 0 [get it](#)
RP-11 06/04/2001 3 . 5 . 0 [get it](#)
RP-14 11/01/2002 3 . 6 . 0 [get it](#)
RP-15 02/04/2002 3 . 7 . 0 [get it](#)
RP-16 28/06/2002 3 . 8 . 0 [get it](#)

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99 *current version:* 3.10.0 *WG (prime / other):* R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
RP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*
RP-04 23/06/1999 0 . 2 . 1 [get it](#) *remarks - this release:*
RP-05 13/10/1999 3 . 0 . 0 [get it](#)
RP-06 12/12/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-08 23/06/2000 3 . 3 . 0 [get it](#)
RP-09 10/10/2000 3 . 4 . 0 [get it](#)
RP-10 21/12/2000 3 . 5 . 0 [get it](#)
RP-11 06/04/2001 3 . 6 . 0 [get it](#)
RP-12 06/07/2001 3 . 7 . 0 [get it](#)
RP-13 12/10/2001 3 . 8 . 0 [get it](#)
RP-14 11/01/2002 3 . 9 . 0 [get it](#)
RP-15 02/04/2002 3 . 10 . 0 [get it](#)

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.442	UTRAN implementation-specific O&M transport				
R99	current version: 3.1.0	WG (prime / other):	R3 / -	rapporteur:	RECKER, Stephan
	freeze_meeting: SP-05	G:	U: yes	MCC:	KRAUSE, Joern
	history (event, available, version,				Indicate persons who left Company and wait for new One
	RP-03 23/04/1999			get it	remarks - general:
	RP-04 23/06/1999			get it	remarks - this release:
	RP-05 13/10/1999			get it	
	RP-07 15/03/2000			get it	
TR 25.832	Manifestations of Handover and SRNS relocation				
R99	current version: 3.0.0	WG (prime / other):	R3 / -	rapporteur:	TOWNEND, Richard
	freeze_meeting: SP-05	G:	U: yes	MCC:	KRAUSE, Joern
	history (event, available, version,				mmO2 plc
	First complete 04/03/1999			get it	remarks - general:
	WG approval 19/03/1999			get it	remarks - this release: .
	RP-03 23/04/1999			get it	
	RP-04 23/06/1999			get it	
	RP-05 13/10/1999			get it	
TR 25.833	Physical layer items not for inclusion in Release 99				
R99	current version: 1.1.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu
	freeze_meeting: SP-06	G:	U: yes	MCC:	SASAKI, Tsukasa
	history (event, available, version,				NEC Corporation
	RP-08 12/01/2001			get it	Created Jan 2000 (aka R1.03)
					remarks - this release:
TR 25.853	Delay budget within the access stratum				
R99	current version: 3.1.0	WG (prime / other):	R3 / -	rapporteur:	DELL'ACQUA, Massimo
	freeze_meeting: RP-11	G:	U: yes	MCC:	KRAUSE, Joern
	history (event, available, version,				Indicate persons who left Company and wait for new One
	draft 06/04/2001			get it	remarks - general: Was 25.932. Approved and renumbered at TSG#10.
	RP-10 22/12/2000			get it	remarks - this release: TSG#10:3.0.0 (is evidently R99 not Rel-4)
	RP-11 06/04/2001			get it	

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 current version: 3.4.0
freeze_meeting: SP-06

WG (prime / other): R2 / - rapporteur: KRISCHAN, Peter Vodafone D2 GmbH
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	0	.	2
RP-04	23/06/1999	0	.	1	.	0
RP-05	13/10/1999	0	.	2	.	0
RP-06	21/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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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: KRAUSE, Joern

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	2	.	2
RP-07	15/03/2000	1	.	2	.	4
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	21/12/2000	3	.	2	.	0
RP-11	06/04/2001	3	.	3	.	0
RP-12	05/07/2001	3	.	4	.	0
RP-14	11/01/2002	3	.	5	.	0
RP-15	02/04/2002	3	.	6	.	0
RP-16	28/06/2002	3	.	7	.	0

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.941	Document structure						
R99	current version: 3.1.0	WG (prime / other):	R4 / -	rapporteur:	TAKAMI, Tadao	NTT DoCoMo Inc	
	freeze_meeting: RP-06	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar		
	history (event, available, version,						
	RP-03 23/04/1999			get it	remarks - general:		
	RP-04 23/06/1999			get it	remarks - this release:		
	RP-05 13/10/1999			get it			
	RP-06 17/12/1999			get it			

TR 25.942	RF system scenarios						
R99	current version: 3.3.0	WG (prime / other):	R4 / -	rapporteur:	BENABDALLAH, Nadia	Vodafone Omnitel N.V	
	freeze_meeting: SP-11	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar		
	history (event, available, version,						
	RP-03 23/04/1999			get it	remarks - general:	Additional rapporteur = A.De Pasquale.	
	RP-04 23/06/1999			get it	remarks - this release:		
	RP-05 13/10/1999			get it			
	RP-06 12/12/1999			get it			
	RP-07 15/03/2000			get it			
	RP-09 26/10/2000			get it			
	RP-11 10/04/2001			get it			
	RP-12 03/07/2001			get it			
	RP-14 14/01/2002			get it			
	RP-16 03/07/2002			get it			

TR 25.944	Channel coding and multiplexing examples						
R99	current version: 3.5.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu	NEC Corporation	
	freeze_meeting: SP-07	G:	U: yes	MCC:	SASAKI, Tsukasa		
	history (event, available, version,						
	editor's draft 25/11/1999			get it	remarks - general:	Created Jan 2000 (aka R1.04)	
	R1-09 15/12/1999			get it	remarks - this release:		
	RP-07 16/03/2000			get it			
	RP-08 23/06/2000			get it			
	RP-09 18/10/2000			get it			
	RP-10 22/12/2000			get it			
	RP-11 06/04/2001			get it			
	edito 10/04/2001			get it			
	RP-12 28/06/2001			get it			

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

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ACTIVE specs R99 25 .- series
Server http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
R99 *current version:* 3.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-18 13/01/2003 3 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

R99 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

TS 26.073 AMR speech Codec; C-source code
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-04 23/06/1999 0 . 1 . 0 [get it](#) *remarks - general:*
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 1 . 0 . 0 [get it](#)
SP-06 17/12/1999 3 . 0 . 0 [get it](#)
SP-07 15/03/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-14 09/01/2002 3 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1
freeze_meeting: SP-06
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0
SP-04 23/06/1999 1 . 0 . 0
SP-05 13/10/1999 2 . 0 . 0
SP-06 17/12/1999 3 . 0 . 0
Test sequences 02/02/2000 3 . 0 . 1
available
Test sequences 14/09/2000 3 . 0 . 2
corrected
SP-11 10/04/2001 3 . 1 . 0
corrected test 04/07/2001 3 . 1 . 1

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

TS 26.093 AMR speech Codec; Source Controlled Rate operation
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 0 . 1 [get it](#)
SP-06 17/12/1999 3 . 1 . 0 [get it](#)
SP-08 28/06/2000 3 . 2 . 0 [get it](#)
SP-10 21/12/2000 3 . 3 . 0 [get it](#)

TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels
R99 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-04 23/06/1999 0 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-03 26/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 0 [get it](#)

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
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
SP-04 23/06/1999 1 . 2 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 1 . 4 . 0 [get it](#)
SP-06 17/12/1999 3 . 0 . 0 [get it](#)
SP-07 15/03/2000 3 . 1 . 0 [get it](#)
SP-12 01/08/2001 3 . 2 . 0 [get it](#)
SP-15 28/03/2002 3 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R99 26 .- series
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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	
	history (event, available, version,					
	SP-03 26/04/1999	0 . 2 . 0		get it	remarks - general:	
	SP-06 17/12/1999	3 . 0 . 0		get it	remarks - this release:	
	SP-07 15/03/2000	3 . 1 . 0		get it		
	SP-10 12/12/2000	3 . 2 . 0		get it		
	SP-11 10/04/2001	3 . 3 . 0		get it		
	SP-19 04/04/2003	3 . 4 . 0		get it		

TS 26.103	Speech codec list for GSM and UMTS					
R99	current version: 3.2.0	WG (prime / other):	S4 / -	rapporteur:	HELLWIG, Karl	Telefon AB LM Ericsson
	freeze_meeting: SP-06	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-06 17/12/1999	3 . 0 . 0		get it	remarks - general: New after TSG#5	
	SP-14 09/01/2002	3 . 1 . 0		get it	remarks - this release: .	
	SP-16 28/06/2002	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	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: SP-07	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-06 17/12/1999	0 . 1 . 0		get it	remarks - general:	
	SP-07 15/03/2000	0 . 3 . 0	SP-000022	get it	remarks - this release:	
	SP-08 28/06/2000	3 . 0 . 0		get it		
	SP-10 21/12/2000	3 . 1 . 0		get it		
	SP-12 27/06/2001	3 . 2 . 0		get it		
	bug fix 29/06/2001	3 . 2 . 1		get it		
	SP-13 02/10/2001	3 . 3 . 0		get it		
	SP-15 28/03/2002	3 . 4 . 0		get it		
	SP-19 04/04/2003	3 . 5 . 0		get it		

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

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
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 0 . 1 [get it](#)
SP-11 04/07/2001 3 . 1 . 0 [get it](#)

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
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#5
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 0 . 2 [get it](#)
SP-06 15/12/1999 3 . 1 . 0 [get it](#)
SP-08 28/06/2000 3 . 2 . 0 [get it](#)
SP-09 10/10/2000 3 . 3 . 0 [get it](#)
SP-10 21/12/2000 3 . 4 . 0 [get it](#)

TS 26.131 Terminal acoustic characteristics for telephony; Requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-06 *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-13 02/10/2001 3 . 3 . 0 [get it](#)
SP-17 24/09/2002 3 . 4 . 0 [get it](#)

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

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Server ACTIVE specs R99 26 .- series
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TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-08	G: U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>						
SP-05	13/10/1999	0 . 0 . 0	get it	<i>remarks - general:</i>		
draft		0 . 0 . 1		<i>remarks - this release:</i>		
SP-08		1 . 0 . 0				
SP-08	28/06/2000	3 . 0 . 0	get it			
SP-09	10/10/2000	3 . 1 . 0	get it			
SP-11	10/04/2001	3 . 2 . 0	get it			
SP-13	02/10/2001	3 . 3 . 0	get it			
SP-15	28/03/2002	3 . 4 . 0	get it			
SP-17	24/09/2002	3 . 5 . 0	get it			

TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>						
SP-03	26/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i>		
SP-04	23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>		
SP-05	13/10/1999	3 . 0 . 2	get it			
decision to revise	30/10/1999	3 . 1 . 0	get it			
version number						
SP-06	17/12/1999	3 . 2 . 0	get it			
edito	10/10/2000	3 . 2 . 1	get it			
SP-10	21/12/2000	3 . 3 . 0	get it			
SP-19	04/04/2003	3 . 4 . 0	get it			

TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-07	G: U: yes	MCC: USAI, Paolino			
<i>history (event, available, version,</i>						
SP-03	26/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i>		
SP-04	23/06/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>		
SP-07	15/03/2000	3 . 0 . 0	get it			

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

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ACTIVE specs R99 26 .- series
Server http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.915 Echo Control For Speech and Multi-Media Services

R99 *current version:* 3.0.0
freeze_meeting: SP-07
history (event, available, version,
Creation of WI by 02/02/2000 0 . 0 . 1
WG/TB
SP-07 17/03/2000 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.
remarks - this release: No Rel-4 version. Became 26.115.
[get it](#)

TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.1.0
freeze_meeting: SP-11
history (event, available, version,
SP-06 17/12/1999 1 . 0 . 0
SP-07 17/03/2000 1 . 1 . 0
SP-11 31/03/2001 3 . 0 . 0
SP-13 05/10/2001 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
[get it](#) *remarks - this release:* was 26.075;
[get it](#)
[get it](#)

R99

27 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 3.12.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-06 17/12/1999 3 . 3 . 0
NP-07 15/03/2000 3 . 4 . 0
NP-08 23/06/2000 3 . 5 . 0
NP-09 23/10/2000 3 . 6 . 0
NP-10 04/01/2001 3 . 7 . 0
NP-11 05/04/2001 3 . 8 . 0
NP-12 04/07/2001 3 . 9 . 0
NP-13 10/10/2001 3 . 10 . 0
NP-17 17/09/2002 3 . 11 . 0
NP-20 3 . 12 . 0

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release:
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-06 17/12/1999 3 . 2 . 0 [get it](#)
NP-07 15/03/2000 3 . 3 . 0 [get it](#)
NP-08 23/06/2000 3 . 4 . 0 [get it](#)
NP-09 12/10/2000 3 . 5 . 0 [get it](#)

TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-06 17/12/1999 3 . 2 . 0 [get it](#)
NP-07 15/03/2000 3 . 3 . 0 [get it](#)
NP-08 23/06/2000 3 . 4 . 0 [get it](#)
NP-09 12/10/2000 3 . 5 . 0 [get it](#)

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):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
TP-04 18/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
TP-06 17/12/1999 3 . 1 . 0 [get it](#)
TP-16 25/06/2002 3 . 2 . 0 [get it](#)

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

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.007 AT command set for 3G User Equipment (UE)

R99 current version: 3.13.0

freeze_meeting: SP-04

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
TP-08	23/06/2000	3	.	5	.	0
TP-09	11/10/2000	3	.	6	.	0
TP-10	04/01/2001	3	.	7	.	0
TP-11	06/04/2001	3	.	8	.	0
TP-12	04/07/2001	3	.	9	.	0
TP-14	11/01/2002	3	.	10	.	0
TP-15	29/03/2002	3	.	11	.	0
TP-18	20/12/2002	3	.	12	.	0
TP-19	31/03/2003	3	.	13	.	0

WG (prime / other): T2 / - rapporteur: CHRISTENSEN, Soren Telefon AB LM Ericsson
G: yes U: yes MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 current version: 3.4.0

freeze_meeting: SP-04

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-07	15/03/2000	3	.	3	.	0
TP-15	25/03/2002	3	.	4	.	0

WG (prime / other): T2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: yes MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

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

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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):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	GPRS
	NP-04 23/06/1999	3 . 1 . 0		get it	remarks - this release:	
	NP-05 13/10/1999	3 . 2 . 0		get it		
	NP-06 17/12/1999	3 . 3 . 0		get it		
	NP-07 15/03/2000	3 . 4 . 0		get it		
	NP-11 06/04/2001	3 . 5 . 0		get it		
	NP-16 24/06/2002	3 . 6 . 0		get it		
	NP-17 17/09/2002	3 . 7 . 0		get it		
	NP-20	3 . 8 . 0				

TS 27.103	Wide Area Network Synchronization					
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	CHAU, Alan	NOKIA UK Ltd
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-05 08/10/1999	3 . 0 . 0		get it	remarks - general:	
	TP-09 16/10/2000	3 . 1 . 0		get it	remarks - this release:	TSG#8:3.1.0 but this CR not impementable.

TR 27.901	Report on Terminal Interfaces - An Overview					
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB
	freeze_meeting: SP-06	G:	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-03 23/04/1999	0 . 0 . 1		get it	remarks - general:	
	TP-04 18/06/1999	1 . 0 . 0		get it	remarks - this release:	.
	TP-05 08/10/1999	1 . 0 . 1		get it		
	TP-06 completed 17/12/1999	3 . 0 . 0		get it		
	TP-15 26/03/2002	3 . 1 . 0		get it		

TR 27.903	Discussion of synchronization standards					
R99	current version: 3.0.0	WG (prime / other):	T2 / -	rapporteur:	LOCKHART, Rob	Motorola Inc.
	freeze_meeting: SP-05	G:	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-03 23/04/1999	0 . 0 . 0		get it	remarks - general:	
	TP-05 08/10/1999	3 . 0 . 0		get it	remarks - this release:	.

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

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R99 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.17.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#) remarks - general:

NP-04 23/06/1999 3 . 1 . 0

[get it](#) remarks - this release:

NP-05 13/10/1999 3 . 2 . 0

[get it](#)

NP-06 17/12/1999 3 . 3 . 0

[get it](#)

edito 31/01/2000 3 . 3 . 1

[get it](#)

NP-07 15/03/2000 3 . 4 . 0

[get it](#)

NP-08 23/06/2000 3 . 5 . 0

[get it](#)

edito 04/08/2000 3 . 5 . 1

[get it](#)

edito 10/08/2000 3 . 5 . 2

[get it](#)

NP-09 26/10/2000 3 . 6 . 0

[get it](#)

NP-10 20/12/2000 3 . 7 . 0

[get it](#)

edito 02/01/2001 3 . 7 . 1

[get it](#)

edito to make 31/01/2001 3 . 7 . 2

[get it](#)

figures legible

NP-11 06/04/2001 3 . 8 . 0

[get it](#)

NP-12 06/07/2001 3 . 9 . 0

[get it](#)

NP-13 03/10/2001 3 . 10 . 0

[get it](#)

NP-14 18/01/2002 3 . 11 . 0

[get it](#)

NP-15 04/04/2002 3 . 12 . 0

[get it](#)

NP-16 21/06/2002 3 . 13 . 0

[get it](#)

NP-17 24/09/2002 3 . 14 . 0

[get it](#)

NP-18 09/01/2003 3 . 15 . 0

[get it](#)

NP-19 07/04/2003 3 . 16 . 0

[get it](#)

NP-20 3 . 17 . 0

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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:* 3.12.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG

freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it <i>remarks - general:</i>
post-SP-04	27/05/1999	3	.	1	.	0	get it <i>remarks - this release:</i>
NP-05	13/10/1999	3	.	2	.	0	get it
NP-06	17/12/1999	3	.	3	.	0	get it
NP-07	15/03/2000	3	.	4	.	0	get it
NP-08	23/06/2000	3	.	5	.	0	get it
NP-09	12/10/2000	3	.	6	.	0	get it
NP-10	22/12/2000	3	.	7	.	0	get it
NP-11	29/03/2001	3	.	8	.	0	get it
NP-14	11/01/2002	3	.	9	.	0	get it
NP-16	24/06/2002	3	.	10	.	0	get it
NP-18	06/01/2003	3	.	11	.	0	get it
NP-20		3	.	12	.	0	

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)** *3.11.0WG (prime / other):* N4 */-* *rapporteur:* KYMALAINEN, Kimmo

TeliaSonera AB

freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	0	.	0	.	0	get it <i>remarks - general:</i> Transfer>TSG#4 (transfer??)
NP-05	13/10/1999	3	.	0	.	0	get it <i>remarks - this release:</i>
NP-06	15/12/1999	3	.	1	.	0	get it
NP-07	15/03/2000	3	.	2	.	0	get it
NP-09	26/10/2000	3	.	3	.	0	get it
NP-10	21/12/2000	3	.	4	.	0	get it
NP-11	30/03/2001	3	.	5	.	0	get it
NP-12	04/07/2001	3	.	6	.	0	get it
NP-14	11/01/2002	3	.	7	.	0	get it
NP-16	21/06/2002	3	.	8	.	0	get it
NP-17	18/09/2002	3	.	9	.	0	get it
NP-18	07/01/2003	3	.	10	.	0	get it
NP-20		3	.	11	.	0	

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.011 Signalling Interworking for Supplementary Services

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

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
freeze_meeting: SP-05
history (event, available, version,
NP-04 23/06/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-09 06/10/2000 3 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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:* 3.10.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-09 23/10/2000 3 . 4 . 0
edito 31/10/2000 3 . 4 . 1
NP-10 02/01/2001 3 . 5 . 0
NP-11 06/04/2001 3 . 6 . 0
NP-13 03/10/2001 3 . 7 . 0
NP-14 04/01/2002 3 . 8 . 0
NP-15 21/03/2002 3 . 9 . 0
NP-16 26/06/2002 3 . 10 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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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: 3.17.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
NP-03	23/04/1999	3 . 0 . 0		get it	remarks - general:
NP-04	23/06/1999	3 . 1 . 0		get it	remarks - this release:
NP-05	13/10/1999	3 . 2 . 0		get it	
NP-06	15/12/1999	3 . 3 . 0		get it	
NP-07	15/03/2000	3 . 4 . 0		get it	
NP-08	23/06/2000	3 . 5 . 0		get it	
NP-10	28/09/2000	3 . 6 . 0		get it	
NP-10	21/12/2000	3 . 7 . 0		get it	
NP-11	30/03/2001	3 . 8 . 0		get it	
NP-12	04/07/2001	3 . 9 . 0		get it	
NP-13	03/10/2001	3 . 10 . 0		get it	
NP-14	11/01/2002	3 . 11 . 0		get it	
NP-15	28/03/2002	3 . 12 . 0		get it	
NP-16	21/06/2002	3 . 13 . 0		get it	
NP-17	18/09/2002	3 . 14 . 0		get it	
NP-18	07/01/2003	3 . 15 . 0		get it	
NP-19	04/04/2003	3 . 16 . 0		get it	
NP-20		3 . 17 . 0			

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)				
R99	current version: 3.13.0	WG (prime / other): N3 / -	rapporteur: WILD, Johanna	MOTOROLA Ltd	
	freeze_meeting: SP-03	G: yes U: yes	MCC: BOSWARTHICK, David		
history (event, available, version,					
NP-03	23/04/1999	3 . 0 . 0	get it	remarks - general:	Former title: "General Packet Radio Service (GPRS); Interworking between the
NP-04	23/06/1999	3 . 1 . 0	get it	remarks - this release:	Public Land Mobile Network (PLMN) supporting GPRS and Packet".
NP-06	15/12/1999	3 . 2 . 0	get it		
NP-07	15/03/2000	3 . 3 . 0	get it		
NP-09	12/10/2000	3 . 4 . 0	get it		
NP-11	06/04/2001	3 . 5 . 0	get it		
NP-12	28/06/2001	3 . 6 . 0	get it		
NP-13	12/10/2001	3 . 7 . 0	get it		
NP-14	14/01/2002	3 . 8 . 0	get it		
NP-15	20/03/2002	3 . 9 . 0	get it		
NP-16	03/07/2002	3 . 10 . 0	get it		
NP-18	09/01/2003	3 . 11 . 0	get it		
NP-19	27/03/2003	3 . 12 . 0	get it		
NP-20		3 . 13 . 0			

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

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TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	<i>current version:</i> 3.15.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version,</i>					
NP-03	23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
NP-04	30/06/1999	3 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 3
NP-06	17/12/1999	3 . 2 . 0	get it		
NP-07	15/03/2000	3 . 3 . 0	get it		
NP-08	23/06/2000	3 . 4 . 0	get it		
Editorial	23/06/2000	3 . 4 . 1	get it		
NP-09	10/10/2000	3 . 5 . 0	get it		
NP-10	05/01/2001	3 . 6 . 0	get it		
NP-11	29/03/2001	3 . 7 . 0	get it		
NP-12	03/07/2001	3 . 8 . 0	get it		
NP-13	03/10/2001	3 . 9 . 0	get it		
NP-14	04/01/2002	3 . 10 . 0	get it		
NP-15	19/03/2002	3 . 11 . 0	get it		
NP-16	17/06/2002	3 . 12 . 0	get it		
NP-17	17/09/2002	3 . 13 . 0	get it		
NP-18	18/12/2002	3 . 14 . 0	get it		
NP-19	25/03/2003	3 . 15 . 0	get it		

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
<i>history (event, available, version,</i>					
RP-08		2 . 0 . 0		<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)
RP-08	30/06/2000	3 . 0 . 0	get it	<i>remarks - this release:</i>	
RP-10	20/12/2000	3 . 1 . 0	get it		
RP-13	12/10/2001	3 . 2 . 0	get it		
RP-19	26/03/2003	3 . 3 . 0	get it		

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

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)								
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	AIKAWA, Shinichiro	Fujitsu Limited			
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-04 27/05/1999	0 . 0 . 0		get it	remarks - general:	New after TSG#5			
	NP-06 15/12/1999	1 . 0 . 0		get it	remarks - this release:				
	NP-07 15/03/2000	3 . 0 . 0		get it					

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3								
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-04 27/05/1999	0 . 0 . 0		get it	remarks - general:	New after TSG#5			
	NP-06 15/12/1999	1 . 0 . 0		get it	remarks - this release:				
	NP-07 15/03/2000	3 . 0 . 0		get it					
	NP-09 25/10/2000	3 . 1 . 0		get it					

TS 29.198	Open Service Architecture (OSI) Application Programming Interface (API) - Part 1								
R99	current version: 3.4.0	WG (prime / other):	N5 / -	rapporteur:	ABARCA, Chelo	ALCATEL S.A.			
	freeze_meeting: SP-08	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-07 13/03/2000	1 . 0 . 0		get it	remarks - general:	OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.			
	NP-08 23/06/2000	3 . 0 . 0		get it	remarks - this release:				
	NP-09 09/10/2000	3 . 1 . 0		get it					
	NP-10 03/01/2001	3 . 2 . 0		get it					
	NP-11 28/03/2001	3 . 3 . 0		get it					
	NP-12 29/06/2001	3 . 4 . 0		get it					

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):	N1 / RP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06	G: yes	U: yes	MCC:	Peter Skov JORGENSEN, Per Johan				
	history (event, available, version,								
	NP-16 26/06/2002	3 . 0 . 0		get it	remarks - general:	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to			
	edito post NP-18 16/12/2002	3 . 0 . 1	minor editorials to change style from TS to TR.	get it	remarks - this release:	. latest Release version.			

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

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TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0
freeze_meeting: SP-08
history (event, available, version,
NP-07 13/03/2000 1 . 0 . 0
NP-08 23/06/2000 3 . 0 . 0
NP-09 08/10/2000 3 . 1 . 0
NP-10 03/01/2001 3 . 2 . 0

WG (prime / other): N5 / - *rapporteur:* ABARCA, Chelo
G: *U:* yes *MCC:* ZOICAS, Adrian

ALCATEL S.A.

[get it](#) *remarks - general:* OSA subgroup
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

R99 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.101 UICC-terminal interface; Physical and logical characteristics

R99 *current version:* 3.3.0
freeze_meeting: SP-06
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0
TP-04 23/06/1999 0 . 5 . 0

TP-05 08/10/1999 1 . 0 . 0
TP-06 17/12/1999 3 . 0 . 0
TP-07 15/03/2000 3 . 1 . 0 completion target
TP-08 06/02/2000 3 . 2 . 0
TP-09 18/10/2000 3 . 3 . 0

WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
G: *U:* yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[get it](#) *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.

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

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Server ACTIVE specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM Application

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-04 23/06/1999 0 . 5 . 0

TP-05 08/10/1999 1 . 0 . 0

TP-06 17/12/1999 3 . 0 . 0

TP-07 completion 15/03/2000 3 . 1 . 0

target

TP-08 23/06/2000 3 . 2 . 0

TP-09 18/10/2000 3 . 3 . 0

TP-10 05/01/2001 3 . 4 . 0

TP-11 09/04/2001 3 . 5 . 0

TP-12 06/07/2001 3 . 6 . 0

TP-13 11/10/2001 3 . 7 . 0

TP-14 17/01/2002 3 . 8 . 0

TP-16 28/06/2002 3 . 9 . 0

TP-17 25/09/2002 3 . 10 . 0

TP-18 02/01/2003 3 . 11 . 0

TP-19 01/04/2003 3 . 12 . 0

TP-20 3 . 13 . 0

WG (prime / other): T3 / - rapporteur: HEIM, Christian

G: U: yes MCC: DIETZE, Claus

GIESECKE & DEVRIENT GmbH

[get it](#) remarks - general:
[get it](#) remarks - this release:

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TS 31.110 Numbering system for telecommunication IC card applications

R99 current version: 3.2.0

freeze_meeting: SP-06

history (event, available, version,

E-mailed to SP-T 15/11/1999 1 . 0 . 0

for information

TP-06 17/12/1999 3 . 0 . 0

TP-07 completion 15/03/2000 3 . 1 . 0

target

TP-09 18/10/2000 3 . 2 . 0

WG (prime / other): T3 / - rapporteur: DIETRICH, Christian

G: U: yes MCC: DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

[get it](#) remarks - general: Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May
[get it](#) remarks - this release: 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS
[get it](#) 101 220.

[get it](#)

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

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Server ACTIVE specs R99 31 .- series
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TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)					
R99	<i>current version:</i> 3.10.0	<i>WG (prime / other):</i> T3 / -	<i>rporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-06 17/12/1999	1 . 0 . 0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.	
	TP-07 15/03/2000	3 . 0 . 0	get it	<i>remarks - this release:</i>		
	TP-08 23/06/2000	3 . 1 . 0	get it			
	TP-09 18/10/2000	3 . 2 . 0	get it			
	TP-10 05/01/2001	3 . 3 . 0	get it			
	TP-11 09/04/2001	3 . 4 . 0	get it			
	TP-12 06/07/2001	3 . 5 . 0	get it			
	TP-13 12/10/2001	3 . 6 . 0	get it			
	TP-14 16/01/2002	3 . 7 . 0	get it			
	TP-16 28/06/2002	3 . 8 . 0	get it			
	TP-18 02/01/2003	3 . 9 . 0	get it			
	TP-19 04/04/2003	3 . 10 . 0	get it			

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> T3 / -	<i>rporteur:</i> MAESER, Torsten	Orga Test Systems Gmbh		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-09 18/10/2000	1 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP	
	TP-10 05/01/2001	3 . 0 . 0	get it	<i>remarks - this release:</i>	TP-11:moved to ETSI-SCP. TP-12: reinstated.	

TS 31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification					
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> T3 / -	<i>rporteur:</i> AFCHAR, Ramin	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-09 18/10/2000	1 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 2)	
	TP-10 05/01/2001	3 . 0 . 0	get it	<i>remarks - this release:</i>		
	TP-12 06/07/2001	3 . 1 . 0	get it			
	TP-16 19/06/2002	3 . 2 . 0	get it			
	TP-17 18/09/2002	3 . 3 . 0	get it			
	TP-18 02/01/2003	3 . 4 . 0	get it			
	TP-19 26/03/2003	3 . 5 . 0	get it			
	TP-20	3 . 6 . 0	get it			

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

3GPP specification status

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ACTIVE specs R99 31 .- series
Server http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

R99 *current version:* 3.6.0 *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version,

TP-09	18/10/2000	1	.	0	.	0	get it	<i>remarks - general:</i>	based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was
TP-10		2	.	0	.	0		<i>remarks - this release:</i>	split into two parts
TP-10	05/01/2001	3	.	0	.	0	get it		
TP-14	17/01/2002	3	.	1	.	0	get it		
TP-15	28/03/2002	3	.	2	.	0	get it		
TP-16	19/06/2002	3	.	3	.	0	get it		
TP-17	18/09/2002	3	.	4	.	0	get it		
TP-18	02/01/2003	3	.	5	.	0	get it		
TP-19	01/04/2003	3	.	6	.	0	get it		

R99 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.005 Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-06	17/12/1999	3	.	0	.	0	get it	<i>remarks - general:</i>	
SP-08	23/06/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>	
correct	10/10/2000	3	.	2	.	0	get it		

implementation of
previous CR

SP-10	21/12/2000	3	.	3	.	0	get it		
edito	22/01/2001	3	.	3	.	1	get it		
SP-11	05/04/2001	3	.	4	.	0	get it		
SP-13	05/10/2001	3	.	5	.	0	get it		
SP-15	26/03/2002	3	.	6	.	0	get it		

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.015 Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain

R99 *current version:* 3.11.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-06	17/12/1999	3	.	0	.	0	get it	<i>remarks - general:</i>
SP-07	17/03/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>
Editorial	17/03/2000	3	.	1	.	1	get it	
SP-08	23/06/2000	3	.	2	.	0	get it	
SP-09	10/10/2000	3	.	3	.	0	get it	
SP-10	21/12/2000	3	.	4	.	0	get it	
SP-11	05/04/2001	3	.	5	.	0	get it	
SP-12	03/07/2001	3	.	6	.	0	get it	
SP-13	05/10/2001	3	.	7	.	0	get it	
SP-14	11/01/2002	3	.	8	.	0	get it	
SP-15	26/03/2002	3	.	9	.	0	get it	
SP-18	07/01/2003	3	.	10	.	0	get it	
SP-19	02/04/2003	3	.	11	.	0	get it	

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

history (event, available, version,

SP-03	26/04/1999	1	.	0	.	0	get it	<i>remarks - general:</i>
SP-05	13/10/1999	1	.	2	.	0	get it	<i>remarks - this release:</i>
SP-06	17/12/1999	3	.	0	.	0	get it	
SP-07	17/03/2000	3	.	1	.	0	get it	
Editorial	17/03/2000	3	.	1	.	1	get it	
SP-08	23/06/2000	3	.	2	.	0	get it	
SP-10	21/12/2000	3	.	3	.	0	get it	
SP-11	05/10/2001	3	.	4	.	0	get it	

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.102 Telecommunication management; Architecture

R99 current version: 3.2.0

freeze_meeting: SP-07

history (event, available, version,

Creation of WI by 26/04/1999 0 . 0 . 0

WG/TB

SP-03 26/04/1999 1 . 0 . 0

SP-05 13/10/1999 1 . 2 . 0

SP-06 17/12/1999 3 . 0 . 0

SP-07 17/03/2000 3 . 1 . 0

Editorial 17/03/2000 3 . 1 . 1

SP-08 23/06/2000 3 . 2 . 0

WG (prime / other): S5 / - rapporteur: BERGGREN, Tommy Telia Mobile AB

G: U: yes MCC: ZOICAS, Adrian

[get it](#) remarks - general:
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 32.104 3G Performance Management

R99 current version: 3.6.0

freeze_meeting: SP-07

history (event, available, version,

SP-05 13/10/1999 1 . 0 . 0

SP-06 17/12/1999 3 . 0 . 0

SP-07 17/03/2000 3 . 1 . 0

Editorial 17/03/2000 3 . 1 . 1

SP-08 23/06/2000 3 . 2 . 0

SP-09 10/10/2000 3 . 3 . 0

SP-10 21/12/2000 3 . 4 . 0

SP-14 11/01/2002 3 . 5 . 0

SP-20 3 . 6 . 0

WG (prime / other): S5 / - rapporteur: HÜBINETTE, Ulf Telefon AB LM Ericsson

G: U: yes MCC: ZOICAS, Adrian

[get it](#) remarks - general:
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 current version: 3.1.0

freeze_meeting: SP-07

history (event, available, version,

SP-05 13/10/1999 1 . 0 . 0

SP-06 17/12/1999 1 . 1 . 0

SP-07 17/03/2000 3 . 0 . 0

Editorial 17/03/2000 3 . 0 . 1

SP-08 23/06/2000 3 . 1 . 0 split into parts

WG (prime / other): S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd

G: U: yes MCC: ZOICAS, Adrian

[get it](#) remarks - general: SP-08: split into eight parts
remarks - this release: SP-08: multipart split from parent 3.0.1

[get it](#)

[get it](#)

[get it](#)

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service								
R99	current version: 3.3.0	WG (prime / other):	S5 / -	rapporteur:	TSE, Edwin	Ericsson Incorporated			
	freeze_meeting: SP-07	G:	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
SP-08: split into	23/06/2000	3	.	1	.	0	get it	remarks - general:	TSG#8: split into eight parts
parts								remarks - this release:	TSG#8: multipart split from parent 3.0.1
SP-10	21/12/2000	3	.	2	.	0	get it		
SP-11	05/04/2001	3	.	3	.	0	get it		

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	3.3.0	WG (prime / other):	S5	/-	rapporteur:	TSE, Edwin	Ericsson Incorporated	
	freeze_meeting: SP-07	G:	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
SP-08: split into	23/06/2000	3	.	1	.	0	get it	remarks - general:	TSG#8: split into eight parts
parts								remarks - this release:	TSG#8: multipart split from parent 3.0.1
SP-10	21/12/2000	3	.	2	.	0	get it		
SP-11	05/04/2001	3	.	3	.	0	get it		

TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)								
R99	current version: 3.2.1	WG (prime / other):	S5 / -	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG			
	freeze_meeting: SP-07	G:	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
SP-08: split into	23/06/2000	3	.	1	.	0	get it	remarks - general:	TSG#8: split into eight parts
parts								remarks - this release:	TSG#8: multipart split from parent 3.0.1
SP-14	11/01/2002	3	.	2	.	0	get it		
editorial after	18/09/2002	3	.	2	.	1	get it		
SP-17									

TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP); Information model (including Network Resource Model NRM))								
R99	current version: Network Resource Model NRM))	3.2.0	WG (prime / other):	S5	/-	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson	
	freeze_meeting: SP-10	G:	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
draft	10/10/2000	1	.	0	.	1	get it	remarks - general:	TSG#8: split into eight parts
SP-10	21/12/2000	3	.	0	.	0	get it	remarks - this release:	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
SP-11	05/04/2001	3	.	1	.	0	get it		
SP-12	03/07/2001	3	.	2	.	0	get it		

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker						
R99	current version: Architecture (CORBA) solution set	3.3.0	WG (prime / other):	S5	/-	rapporteur:	ZHOU, Di SIEMENS AG
	freeze_meeting: SP-10	G:	U: yes	MCC:			ZOICAS, Adrian
	history (event, available, version,						
	draft 31/10/2000	0 . 1 . 0	get it	remarks - general:			TSG#8: split into eight parts
	SP-10 14/12/2000	3 . 0 . 0	get it	remarks - this release:			TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
	SP-11 05/04/2001	3 . 1 . 0	get it				
	SP-12 04/07/2001	3 . 2 . 0	get it				
	SP-13 05/10/2001	3 . 3 . 0	get it				

TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information						
R99	current version: Protocol (CMIP) solution set	3.3.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf SIEMENS AG
	freeze_meeting: SP-10	G:	U: yes	MCC:			ZOICAS, Adrian
	history (event, available, version,						
	draft 31/10/2000	0 . 1 . 0	get it	remarks - general:			TSG#8: split into eight parts
	SP-10 21/12/2000	3 . 0 . 0	get it	remarks - this release:			TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
	SP-11 05/04/2001	3 . 1 . 0	get it				
	SP-12 03/07/2001	3 . 2 . 0	get it				
	SP-14 11/01/2002	3 . 3 . 0	get it				

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:	U: yes		MCC:	ZOICAS, Adrian
	history (event, available, version,						
	SP-08: split into 23/06/2000	3 . 1 . 0	get it	remarks - general:			TSG#8: split into eight parts
	parts			remarks - this release:			TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0
	SP-12 03/07/2001	3 . 2 . 0	get it				

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

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http://www.3gpp.org/ftp/Specs/archive/32_series

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:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 [get it](#)
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)
parts
SP-09 10/10/2000 3 . 2 . 0 [get it](#)

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:*
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 [get it](#)
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)
parts
editorial 06/09/2000 3 . 1 . 1 [get it](#)
SP-09 10/10/2000 3 . 2 . 0 [get it](#)
SP-10 20/12/2000 3 . 3 . 0 [get it](#)

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

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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

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	get it	
Editorial	17/03/2000	3	.	0	.	1	get it	
SP-08: split into	23/06/2000	3	.	1	.	0	get it	
parts								
SP-09	10/10/2000	3	.	2	.	0	get it	
SP-10	20/12/2000	3	.	3	.	0	get it	
SP-11	05/04/2001	3	.	4	.	0	get it	
SP-12	04/07/2001	3	.	5	.	0	get it	
SP-14	11/01/2002	3	.	6	.	0	get it	

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	get it	
Editorial	17/03/2000	3	.	0	.	1	get it	
SP-08: split into	23/06/2000	3	.	1	.	0	get it	
parts								
editorial	06/09/2000	3	.	1	.	1	get it	
SP-14	11/01/2002	3	.	2	.	0	get it	

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

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Server ACTIVE specs R99 33 .- series
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TS 33.102 3G security; Security architecture

R99 current version: 3.13.0

freeze_meeting: SP-07

history (event, available, version,

Table of Contents 04/03/1999 0 . 0 . 1
and Scope

First complete 26/03/1999 1 . 0 . 0

WG approval 26/03/1999 2 . 0 . 0

SP-03 23/04/1999 3 . 0 . 0

SP-04 23/06/1999 3 . 1 . 0

SP-05 13/10/1999 3 . 2 . 0

SP-06 17/12/1999 3 . 3 . 0

SP-07 15/03/2000 3 . 4 . 0

SP-08 23/06/2000 3 . 5 . 0

SP-09 11/10/2000 3 . 6 . 0

SP-10 22/12/2000 3 . 7 . 0

SP-11 04/04/2001 3 . 8 . 0

SP-12 04/07/2001 3 . 9 . 0

SP-14 07/01/2002 3 . 10 . 0

SP-15 26/03/2002 3 . 11 . 0

SP-16 19/06/2002 3 . 12 . 0

SP-18 18/12/2002 3 . 13 . 0

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV

G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze_meeting: SP-05

history (event, available, version,

SP-04 23/06/1999 1 . 0 . 0

SP-05 13/10/1999 3 . 0 . 0

SP-06 17/12/1999 3 . 1 . 0

SP-07 15/03/2000 3 . 2 . 0

SP-08 23/06/2000 3 . 3 . 0

SP-09 11/10/2000 3 . 4 . 0

SP-11 30/03/2001 3 . 5 . 0

SP-12 04/07/2001 3 . 6 . 0

SP-13 03/10/2001 3 . 7 . 0

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc

G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:
remarks - this release:

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

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Server ACTIVE specs R99 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic Algorithm requirements					
R99	current version: 3.8.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	freeze_meeting: SP-04	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-05 13/10/1999			get it	remarks - this release:	
	SP-06 17/12/1999			get it		
	SP-07 15/03/2000			get it		
	SP-08 23/06/2000			get it		
	SP-09 11/10/2000			get it		
	SP-10 22/12/2000			get it		
	SP-11 30/03/2001			get it		
	SP-12 04/07/2001			get it		
<hr/>						
TS 33.106	Lawful interception requirements					
R99	current version: 3.1.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-08	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-06 17/12/1999			get it	remarks - this release: .	
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
R99	current version: 3.5.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-06	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-10 22/12/2000			get it	remarks - this release:	
	SP-11 30/03/2001			get it		
	SP-13 03/10/2001			get it		
	SP-14 07/01/2002			get it		
	SP-15 26/03/2002			get it		

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

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Server ACTIVE specs R99 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.120	Security Objectives and Principles					
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-03		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,		get it	remarks - general:		
	Table of Contents 04/03/1999	0 . 0 . 1		remarks - this release: .		
	and Scope		get it			
	First complete 26/03/1999	1 . 0 . 0	get it			
	WG approval 26/03/1999	2 . 0 . 0	get it			
	SP-03 23/04/1999	3 . 0 . 0	get it			

TR 33.901	Criteria for cryptographic Algorithm design process					
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: BLOM, Rolf		Telefon AB LM Ericsson
	freeze_meeting: SP-04		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,		get it	remarks - general:		
	SP-03 23/04/1999	0 . 0 . 0	get it	remarks - this release: .		
	SP-04 23/06/1999	3 . 0 . 0				

TR 33.902	Formal Analysis of the 3G Authentication Protocol					
R99	current version: 3.1.0		WG (prime / other): S3 / -	rapporteur: HORN, Guenther		SIEMENS AG
	freeze_meeting: SP-05		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,		get it	remarks - general:		
	SP-05 13/10/1999	3 . 0 . 0	get it	remarks - this release: .		
	SP-06 17/12/1999	3 . 1 . 0				

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: POPE, Maurice		
	history (event, available, version,		get it	remarks - general: TSG#7: S3-000105=NP-000049		
	SP-07 17/03/2000	3 . 0 . 0 SP-000039		remarks - this release: Formerly 33.904.		

R99 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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

3GPP specification status

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 current version: 3.12.0

freeze_meeting: SP-08

WG (prime / other): T1 / -

rapporteur: CHALABI, Nuhman

Anite Telecoms Ltd.

G: U: yes

MCC: SALMERON, Lidia

history (event, available, version,

Start of work 0 . 0 . 1

TP-07 15/03/2000 1 . 0 . 0 TP-000032

[get it](#)

remarks - general:

remarks - this release: TSG#8:aprvl is controversial

editorial tidy up 23/03/2000 1 . 0 . 1

[get it](#)

TP-08 2 . 0 . 0

TP-08 23/06/2000 3 . 0 . 0

[get it](#)

Editorial 23/06/2000 3 . 0 . 1

[get it](#)

TP-09 06/10/2000 3 . 1 . 0

[get it](#)

TP-10 09/01/2001 3 . 2 . 0

[get it](#)

TP-11 28/03/2001 3 . 3 . 0

[get it](#)

TP-12 27/06/2001 3 . 4 . 0

[get it](#)

TP-13 08/10/2001 3 . 5 . 0

[get it](#)

TP-14 09/01/2002 3 . 6 . 0

[get it](#)

TP-15 20/03/2002 3 . 7 . 0

[get it](#)

edito post TP-15 26/03/2002 3 . 7 . 1

[get it](#)

TP-16 17/06/2002 3 . 8 . 0

[get it](#)

TP-17 10/09/2002 3 . 9 . 0

[get it](#)

TP-18 18/12/2002 3 . 10 . 0

[get it](#)

TP-19 24/03/2003 3 . 11 . 0

[get it](#)

TP-20 3 . 12 . 0

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

3GPP specification status

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.9.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0		get it	<i>remarks - general:</i> TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. <i>remarks - this release:</i> TSG#9: Stable, so txfered from T1 to R2.
RP-04	18/06/1999	0	.	2	.	0		get it	
RP-05	08/10/1999	1	.	0	.	0		get it	
RP-06	17/12/1999	1	.	0	.	3		get it	
next version	03/02/2000	1	.	1	.	0		get it	
RP-07	15/03/2000	1	.	2	.	0		get it	
RP-08	23/06/2000	3	.	0	.	0		get it	
RP-09	05/10/2000	3	.	1	.	0		get it	
RP-10	20/12/2000	3	.	2	.	0		get it	
RP-11	27/03/2001	3	.	3	.	0		get it	
RP-12	19/06/2001	3	.	4	.	0		get it	
RP-15	19/03/2002	3	.	5	.	0		get it	
RP-16	17/06/2002	3	.	6	.	0		get it	
RP-17	18/09/2002	3	.	7	.	0		get it	
RP-18	13/01/2003	3	.	8	.	0		get it	
RP-19	25/03/2003	3	.	9	.	0		get it	

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

3GPP specification status

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 current version: 3.13.0

freeze_meeting: SP-07

WG (prime / other): T1 / -

G: U: yes

rapporteur: HIGUCHI, Kenji

MCC: SALMERON, Lidia

ADVANTEST Corporation

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-04 18/06/1999 1 . 0 . 1

TP-05 08/10/1999 1 . 2 . 0

TP-06 17/12/1999 1 . 5 . 0

TP-07 15/03/2000 2 . 0 . 0

TP-07 15/03/2000 3 . 0 . 0

Editorial 15/03/2000 3 . 0 . 1

TP-08 23/06/2000 3 . 1 . 0

TP-09 05/10/2000 3 . 2 . 0

TP-10 21/12/2000 3 . 3 . 0

TP-11 28/03/2001 3 . 4 . 0

TP-12 18/06/2001 3 . 5 . 0

TP-13 03/10/2001 3 . 6 . 0

TP-14 09/01/2002 3 . 7 . 0

TP-15 20/03/2002 3 . 8 . 0

TP-16 17/06/2002 3 . 9 . 0

TP-17 05/09/2002 3 . 10 . 0

TP-18 18/12/2002 3 . 11 . 0

TP-19 24/03/2003 3 . 12 . 0

TP-20 3 . 13 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99	<i>current version:</i> 3.11.0	WG (<i>prime / other</i>):	T1 / -	<i>rapporteur:</i>	MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG
	<i>freeze_meeting:</i> SP-08	G:	U: yes	<i>MCC:</i>	SALMERON, Lidia	
<i>history (event, available, version,</i>						
TP-04	18/06/1999	0 . 0 . 0		get it	<i>remarks - general:</i>	
TP-05	08/10/1999	0 . 1 . 0		get it	<i>remarks - this release:</i>	
TP-06	17/12/1999	1 . 0 . 0		get it		
TP-07	15/03/2000	1 . 2 . 0		get it		
Editorial	15/03/2000	1 . 2 . 1		get it		
TP-08		2 . 0 . 0				
TP-08	23/06/2000	3 . 0 . 0		get it		
edito	28/08/2000	3 . 0 . 1		get it		
TP-09	05/10/2000	3 . 1 . 0		get it		
TP-10	21/12/2000	3 . 2 . 0		get it		
TP-11	28/03/2001	3 . 3 . 0		get it		
TP-12	18/06/2001	3 . 4 . 0		get it		
TP-13	03/10/2001	3 . 5 . 0		get it		
TP-14	09/01/2002	3 . 6 . 0		get it		
TP-15	21/03/2002	3 . 7 . 0		get it		
TP-16	17/06/2002	3 . 8 . 0		get it		
TP-17	05/09/2002	3 . 9 . 0		get it		
TP-18	18/12/2002	3 . 10 . 0		get it		
TP-19	24/03/2003	3 . 11 . 0		get it		

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

3GPP specification status

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-08 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 0 . 4 [get it](#) *remarks - this release:*
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
manicure 23/03/2000 1 . 0 . 1 [get it](#)
TP-08 2 . 0 . 0
TP-08 23/06/2000 3 . 0 . 0 [get it](#)
TP-09 10/10/2000 3 . 1 . 0 [get it](#)
TP-10 09/01/2001 3 . 2 . 0 [get it](#)
TP-11 28/03/2001 3 . 3 . 0 [get it](#)
TP-12 28/06/2001 3 . 4 . 0 [get it](#)
TP-13 03/10/2001 3 . 5 . 0 [get it](#)

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):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-10 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 1 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 0 . 6 [get it](#) *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).
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
TP-07 15/03/2000 1 . 0 . 1 [get it](#)
TP-09 22/09/2000 2 . 0 . 0 [get it](#)
TP-09 06/10/2000 3 . 1 . 0 [get it](#)
TP-10 09/01/2001 3 . 2 . 0 [get it](#)
TP-11 28/03/2001 3 . 3 . 0 [get it](#)
TP-12 28/06/2001 3 . 4 . 0 [get it](#)
TP-13 04/10/2001 3 . 5 . 0 [get it](#)

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

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99	current version: 3.2.0	WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-13	G: U: yes	MCC: SALMERON, Lidia	
<i>history (event, available, version,</i>				
TP-03	23/04/1999	0 . 0 . 0	get it	remarks - general:
Start work if STF		0 . 0 . 1		remarks - this release:
fund +T2 input				
avail.				
TP-11	28/03/2001	1 . 0 . 0	get it	
TP-12	28/06/2001	1 . 0 . 3	get it	TP-010124
draft	11/10/2001	1 . 0 . 5	get it	
TP-18	16/12/2002	2 . 0 . 0	get it	text = TP-020301 (see also TP-020302), ttcn = TP-020320 which will be available by 2002-12-20.
TP-18	18/12/2002	3 . 0 . 0	get it	Availability delayed pending availability of .mp file.
TP-19	09/04/2003	3 . 1 . 0	get it	
TP-20		3 . 2 . 0		

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	
<i>history (event, available, version,</i>				
TP-03	23/04/1999	0 . 0 . 1	get it	remarks - general: T1->R4@TSG#10
draft	15/07/1999	1 . 0 . 0	get it	remarks - this release:
draft	15/08/1999	1 . 0 . 1	get it	
draft	15/09/1999	1 . 1 . 0	get it	
TP-05	08/10/1999	1 . 2 . 0	get it	
TP-06	17/12/1999	1 . 2 . 2	get it	
draft	15/02/2000	1 . 3 . 0	get it	
SWG T1 EMC at	28/02/2000	2 . 0 . 0	get it	
meeting-08				
TP-07		2 . 0 . 1		SP-000034
TP-07	15/03/2000	3 . 0 . 0	get it	
TP-09	05/10/2000	3 . 1 . 0	get it	
RP-10	09/01/2001	3 . 2 . 0	get it	
RP-11	05/04/2001	3 . 3 . 0	get it	
RP-19	04/04/2003	3 . 4 . 0	get it	

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

3GPP specification status

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

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):* T1 / *rapporteur:* YOKOYAMA, Mitsuru Agilent Technologies Japan, Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-20 2 . 0 . 0 TP-030105 *remarks - general:* 2002-09-16: 34.801 -> 34.901.
TP-20 2 . 0 . 1 TP-030145 (clause 4 modified). Doc *remarks - this release:* 2002-09-26: Anticipate approval at TP-18.
claims to be v2.0.0
TP-20 3 . 0 . 0

TR 34.907 Report on electrical safety requirements and regulations
R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* IIMORI, Eiji Toshiba Corporation, Digital Media Network
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .

TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions
R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* JOHANSSON, Sven Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
TP-04 18/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .

R99 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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:* POPE, Maurice
history (event, available, version,
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
deliverable yet available *remarks - this release:*
Formatting 12/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)
SP-14 07/01/2002 3 . 2 . 0 [get it](#)

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

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Server ACTIVE specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification										
R99	<i>current version:</i> 3.1.2				<i>WG (prime / other):</i> S3 / -		<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-07				G: U: yes		<i>MCC:</i> POPE, Maurice				
<i>history (event, available, version,</i>											
SP-07	17/03/2000	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence		
Formatting	12/07/2001	3	.	1	.	1	Sage makes source file available.	get it	<i>remarks - this release:</i>		
IPR, licence text	20/08/2001	3	.	1	.	2		get it			
<hr/>											
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data										
R99	<i>current version:</i> 3.1.2						<i>WG (prime / other):</i> S3 / -		<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07						G: U: yes		<i>MCC:</i> POPE, Maurice		
<i>history (event, available, version,</i>											
SP-07	17/03/2000	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence		
Formatting	16/07/2001	3	.	1	.	1	Sage makes source file available.	get it	<i>remarks - this release:</i>		
IPR, licence text	20/08/2001	3	.	1	.	2		get it			
<hr/>											
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data										
R99	<i>current version:</i> 3.1.2						<i>WG (prime / other):</i> S3 / -		<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07						G: U: yes		<i>MCC:</i> POPE, Maurice		
<i>history (event, available, version,</i>											
SP-07	17/03/2000	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence		
Formatting	12/07/2001	3	.	1	.	1	Sage makes source file available.	get it	<i>remarks - this release:</i>		
IPR, licence text	20/08/2001	3	.	1	.	2		get it			

UMTS

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

3GPP specification status

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Server ACTIVE specs UMTS 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

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
history (event, available, version,
smg-22 13/06/1997 3 . 0 . 0 [get it](#) *remarks - general:* Produced by ETSI SMG2.
ETSI publication 28/11/1997 3 . 0 . 1 [get it](#) *remarks - this release:*

UMTS 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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 CIT
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
TC change control 13/06/1997 3 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 3 . 1 . 0 [get it](#) *remarks - this release:*
smg-25 20/03/1998 3 . 2 . 0 [get it](#)

TR 30.06U UTRA Concept Evaluation Reports

UMTS *current version:* 3.0.0 *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
First complete 01/12/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-24 15/12/1997 3 . 0 . 0 [get it](#) *remarks - this release:*

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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Server ACTIVE specs R98 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								
R98	current version: 7.0.0	WG (prime / other):	SP / -	rapporteur:	MEREDITH, John M	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version, SP-20	7 . 0 . 0						remarks - general:	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
								remarks - this release:	. backwards extension to earlier releases.
<hr/>									
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				
	history (event, available, version, smg-29 25/06/1999	7 . 0 . 0						get it	remarks - general:
									remarks - this release:
<hr/>									
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:	POPE, Maurice				
	history (event, available, version, smg-25 20/03/1998	7 . 0 . 0						get it	remarks - general:
	smg-26 26/06/1998	7 . 0 . 1						get it	remarks - this release:
<hr/>									
TR 01.33	Lawful Interception requirements for GSM								
R98	current version: 7.0.0	WG (prime / other):	S3 / -	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH			
	freeze_meeting: smg-29	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version, smg-25 20/03/1998	7 . 0 . 0						get it	remarks - general:
									remarks - this release: #25: 7.0.0 (renumbered from 10.20)
<hr/>									
TS 01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	MESSIET, Samira	ALCATEL S.A.			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version, smg-28	1 . 0 . 0							remarks - general:
	smg-29 25/06/1999	7 . 0 . 0						get it	remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
R98 *current version: 7.0.0* WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
upgrade to R98 04/10/2001 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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 Limited
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*
ETSI publication 13/12/1999 7 . 0 . 2 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)
R98 *current version: 7.0.0* WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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TS 02.04 General on Supplementary Services

R98 *current version: 7.1.2*
freeze_meeting: smg-29
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0
smg-28 12/02/1999 7 . 1 . 0
smg-29 25/06/1999 7 . 1 . 1
ETSI publication 28/12/1999 7 . 1 . 2

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

Research In Motion Limited

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 02.06 Types of Mobile Stations (MS)

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI publication 29/12/1999 7 . 0 . 1

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

VODAFONE Group Plc

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 02.07 Mobile Station (MS) Features

R98 *current version: 7.1.0*
freeze_meeting: smg-29
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0
ETSI publication 03/08/1999 7 . 0 . 1
SP-07 15/03/2000 7 . 1 . 0

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

VODAFONE Group Plc

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 02.09 Security aspects

R98 *current version: 7.1.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI publication 12/01/2000 7 . 0 . 1
smg-31 16/02/2000 7 . 1 . 0
ETSI publication 29/08/2000 7 . 1 . 1

WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
NP
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 02.11	Service Accessibility								
R98	current version: 7.1.0								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-27 16/10/1999	7	.	0	.	0			
	ETSI publication 03/08/1999	7	.	0	.	1			
	SP-11 02/04/2001	7	.	1	.	0			
							get it	remarks - general:	
							get it	remarks - this release:	
							get it		
TS 02.16	International Mobile Station Equipment Identities (IMEI)								
R98	current version: 7.2.0								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0			
	smg-30 11/11/1999	7	.	1	.	0			
	SP-08 23/06/2000	7	.	2	.	0			
							get it	remarks - general:	
							get it	remarks - this release:	
							get it		
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics								
R98	current version: 7.1.1								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-26 26/06/1998	7	.	0	.	0			
	smg-27 16/10/1998	7	.	1	.	0			
	smg-29 25/06/1999	7	.	1	.	1			
							get it	remarks - general:	
							get it	remarks - this release:	
							get it		
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
R98	current version: 7.1.0								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-27 16/10/1998	7	.	0	.	0			
	smg-29 25/06/1999	7	.	1	.	0			
							get it	remarks - general:	SMG9->T3@#31
							get it	remarks - this release:	
TS 02.22	Stage 1 for personalisation of GSM ME								
R98	current version: 7.0.0								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-29 25/06/1999	7	.	0	.	0			
							get it	remarks - general:	
								remarks - this release:	

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TS 02.24	Description of Charge Advice Information (CAI)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David			VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	editorial 19/07/2002 7 . 1 . 1	get it				
<hr/>						
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 26/06/1998 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-29 25/06/1999 7 . 1 . 1	get it				
<hr/>						
TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	draft 26/06/1996 1 . 0 . 0	get it	<i>remarks - general:</i>			
	draft 01/03/1998 2 . 0 . 0	get it	<i>remarks - this release:</i>			
	smg-25 20/03/1998 7 . 0 . 0	get it				
	smg-26 26/06/1998 7 . 1 . 0	get it				
	smg-29 25/06/1999 7 . 1 . 1	get it				

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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:	POPE, Maurice	
history (event, available, version,						
smg-25	20/03/1998	7 . 0 . 0		get it	remarks - general:	
smg-27	16/10/1998	7 . 1 . 0		get it	remarks - this release:	
smg-28	12/02/1999	7 . 2 . 0		get it		
editorial		7 . 2 . 1				
smg-29	25/06/1999	7 . 3 . 0		get it		
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
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	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release:	
TS 02.40	Procedures for Call Progress Indications					
R98	current version: 7.0.1	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-27	16/10/1998	7 . 0 . 0		get it	remarks - general:	
edito	28/07/1999	7 . 0 . 1		get it	remarks - this release:	
TS 02.41	Operator Determined Barring					
R98	current version: 7.0.0	WG (prime / other):	S1 /	rapporteur:	...,	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release:	
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 /	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release:	

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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	
	history (event, available, version,					
	smg-27					remarks - general:
	smg-28	7 . 0 . 0				remarks - this release:
	SP-05	7 . 1 . 0				
	SP-08	7 . 2 . 0				
	07/09/2000	7 . 3 . 0				get it
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version,					
	smg-29	25/06/1999	7 . 0 . 0			get it remarks - general: SMG9->T3@#31
						remarks - this release:
<hr/>						
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	
	history (event, available, version,					
	smg-25	20/03/1998	7 . 0 . 0			get it remarks - general: SMG11->S4 at SMG#30
	ETSI publication	16/08/1999	7 . 0 . 1			get it remarks - this release:
<hr/>						
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:	GALLIGO, Michel	ALCATEL S.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27	16/10/1998	7 . 0 . 0			get it remarks - general:
	smg-28	12/02/1999	7 . 1 . 0			get it remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.2.0
	ETSI PE	26/05/1999	7 . 1 . 1			get it
	smg-29	25/06/1999	7 . 2 . 0			get it
	ETSI publication	05/09/2000	7 . 2 . 1			get it

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TS 02.57	Mobile Station Application Execution Environment (MEEx) Service description Stage 1								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 7 . 0 . 0				get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 1 . 0				get it	<i>remarks - this release:</i> #25: 7.0.0 #29: 7.1.0			
TS 02.60	General Packet Radio Service Stage 1 Description								
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 7 . 0 . 0				get it	<i>remarks - general:</i>			
	smg-28 12/02/1999 7 . 1 . 0				get it	<i>remarks - this release:</i> #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			
	smg-29 25/06/1999 7 . 2 . 0				get it				
	SP-05 08/10/1999 7 . 3 . 0				get it				
	SP-07 15/03/2000 7 . 4 . 0				get it				
	SP-08 23/06/2000 7 . 5 . 0				get it				
TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> VACANT,						
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 7 . 0 . 0				get it	<i>remarks - general:</i>			
	SP-07 15/03/2000 7 . 1 . 0				get it	<i>remarks - this release:</i> #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0			
TS 02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0				get it	<i>remarks - general:</i>			
	ETSI publication 12/01/2000 7 . 0 . 1				get it	<i>remarks - this release:</i>			

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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:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	edito 25/06/1999			get it	remarks - this release:	
	publish EN 300 24/08/2000			get it		
	925					
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R98	current version: 7.0.2	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	smg-29 25/06/1999			get it	remarks - this release: #28: 7.0.0	
	ETSI publication 29/12/1999			get it		
<hr/>						
TS 02.71	Location Services (LCS); Stage 1					
R98	current version: 7.3.0	WG (prime / other):	S1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	smg-29 25/06/1999			get it	remarks - this release:	
	SP-05 08/10/1999			get it		
	SP-06 15/12/1999			get it		
	SP-11 06/04/2001			get it		
<hr/>						
TS 02.72	Call Deflection Service description; Stage 1					
R98	current version: 7.2.1	WG (prime / other):	S1 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998			get it	remarks - general:	
	smg-27 16/10/1998			get it	remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0	
	smg-28 12/02/1999			get it		
	smg-29 25/06/1999			get it		

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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	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
SP-10	12/01/2001	7 . 1 . 0		get it	remarks - this release:	
SP-14	14/01/2002	7 . 2 . 0		get it		

TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	FREY, Sophie	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

TS 02.81	Line Identification Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R98	current version: 7.0.1	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-28	12/02/1999	7 . 0 . 0		get it	remarks - general:	
smg-29	25/06/1999	7 . 0 . 1		get it	remarks - this release: #28: 7.0.0	

TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

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					Server	ACTIVE specs	R98	02	.- series
						http://www.3gpp.org/ftp/Specs/archive/02_series			
TS 02.84	MultiParty (MPTY) Supplementary Services; Stage 1								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:				
					remarks - this release: #29: 7.0.0				
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:				
					remarks - this release: #29: 7.0.0				
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:				
					remarks - this release: #29: 7.0.0				
TS 02.87	User-to-User Signalling (UUS) Service Description; Stage 1								
R98	current version: 7.1.2	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-25 20/03/1998 7 . 0 . 0			get it	remarks - general:				
	smg-28 12/02/1999 7 . 1 . 0			get it	remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1				
	smg-29 25/06/1999 7 . 1 . 1			get it					
	ETSI publication 16/12/1999 7 . 1 . 2			get it					
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:				
					remarks - this release: #29: 7.0.0				

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TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.91	Explicit Call Transfer (ECT)					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POSTMANN, Erwin		SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.96	Name Identification Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	

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TS 02.97 Multiple Subscriber Profile (MSP) 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
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0*

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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: YOON, Sang-Ui
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG3->SA2 @ TSG#7*
remarks - this release: #29:7.0.0

TS 03.02 Network Architecture

R98 *current version: 7.1.0* WG (prime / other): S2 / NP / rapporteur: SULTAN, Alain SOURCE COM
freeze_meeting: smg-29 T2
G: yes U: MCC: YOON, Sang-Ui
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 S#6: 7.1.0*

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TS 03.03 Numbering, Addressing and Identification

R98 *current version: 7.7.0* WG (prime / other): N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 2 . 0 [get it](#)
NP-06 15/12/1999 7 . 3 . 0 [get it](#)
edito 11/02/2000 7 . 3 . 1 [get it](#)
NP-07 15/03/1999 7 . 4 . 0 [get it](#)
NP-08 17/03/2000 7 . 5 . 0 [get it](#)
NP-12 27/06/2001 7 . 6 . 0 [get it](#)
NP-16 26/06/2002 7 . 7 . 0 [get it](#) SA did not approve companion CRs to 02.16.

TR 03.05 Technical performance objectives

R98 *current version: 7.0.0* WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.07 Restoration Procedures

R98 *current version: 7.1.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-06 15/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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TS 03.08 Organization of Subscriber Data

R98 current version: 7.5.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
NP-06 17/12/1999 7 . 2 . 0
NP-07 15/03/2000 7 . 3 . 0
NP-09 31/10/2000 7 . 4 . 0
NP-20 7 . 5 . 0

WG (prime / other): N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

TS 03.09 Handover Procedures

R98 current version: 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
remarks - this release: #29: 7.0.0

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R98 current version: 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0
smg-29 26/06/1999 7 . 0 . 1

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 03.11 Technical Realization of Supplementary Services - General Aspects

R98 current version: 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #29: 7.0.0

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TS 03.12	Location Registration Procedures					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	KYMALAINEN, Kimmo	TeliaSonera AB
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
				<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
				<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ZAUS, Robert	SIEMENS AG
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>					
	<i>smg-28 12/02/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
	<i>edito 10/08/1999 7 . 0 . 1</i>	get it		<i>remarks - this release: #28: 7.0.0</i>		
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
				<i>remarks - this release: #29: 7.0.0</i>		

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TS 03.16	Subscriber Data Management					
R98	current version: 7.6.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:	
	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release:	
	NP-06 15/12/1999	7 . 2 . 0		get it		
	NP-07 15/03/2000	7 . 3 . 0		get it		
	NP-09 31/10/2000	7 . 4 . 0		get it		
	NP-11 02/04/2001	7 . 5 . 0		get it		
	NP-17 17/09/2002	7 . 6 . 0		get it		

TS 03.18	Basic Call Handling					
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: smg-29	G: yes	U:	MCC:	Chalmers	
	history (event, available, version,				KYMALAINEN, Kimmo	
	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:	
	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release:	
	NP-05 08/10/1999	7 . 2 . 0		get it		
	NP-07 15/03/2000	7 . 3 . 0		get it		
	NP-09 31/10/2000	7 . 4 . 0		get it		

TS 03.19	GSM API for SIM toolkit stage 2					
R98	current version: 7.5.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	freeze_meeting: smg-29	G: yes	U:	MCC:	DIETZE, Claus	
	history (event, available, version,					
	smg-28 12/02/1999	1 . 0 . 0		get it	remarks - general: SMG9->T3@#31	
	smg-29 25/06/1999	7 . 0 . 0		get it	remarks - this release:	
	smg-31 16/02/2000	7 . 1 . 0		get it		
	TP-08 23/06/2000	7 . 2 . 0		get it		
	TP-08 28/09/2000	7 . 3 . 0		get it		
	TP-10 07/03/2001	7 . 4 . 0		get it		
	TP-11 27/07/2001	7 . 5 . 0		get it		

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TS 03.20	Security-related Network Functions						
R98	current version: 7.2.0		WG (prime / other): S3 / NP /	rapporteur: NGUYEN NGOC,		France Telecom	
	freeze_meeting: smg-29		GP	Sebastien			
			G: yes U:	MCC: POPE, Maurice			
	history (event, available, version,						
	smg-28 12/02/1999 7 . 0 . 0		get it	remarks - general:			
	smg-29 25/06/1999 7 . 1 . 0		get it	remarks - this release: #32:7.3.0? - status of CRs unclear.			
	smg-30 11/11/1999 7 . 2 . 0	CR at smg-32 would have created	get it				
		7.3.0, but unclear whether or not					
<hr/>							
TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R98	current version: 7.4.0		WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels		MOTOROLA A/S	
	freeze_meeting: smg-29			Peter Skov			
			G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,						
	smg-28 12/02/1999 7 . 0 . 0		get it	remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-29 25/06/1999 7 . 1 . 0		get it	remarks - this release: group receive mode".			
	smg-30 11/11/1999 7 . 2 . 0		get it				
	SP-06 15/12/1999 7 . 3 . 0		get it				
	SP-11 11/04/2001 7 . 4 . 0		get it				
<hr/>							
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R98	current version: 7.0.0		WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels		MOTOROLA A/S	
	freeze_meeting: smg-29			Peter Skov			
			G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,						
	smg-29 25/06/1999 7 . 0 . 0		get it	remarks - general:			
				remarks - this release:			
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R98	current version: 7.1.0		WG (prime / other): GP / -	rapporteur: TEGTH, Ulf		TeliaSonera AB	
	freeze_meeting: smg-29			MCC: USAI, Paolino			
	history (event, available, version,		G: yes U:				
	smg-29 25/06/1999 7 . 0 . 0		get it	remarks - general:			
	smg-31 16/02/2000 7 . 1 . 0		get it	remarks - this release: #29: 7.0.0 #31:7.1.0			

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TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R98	current version: 7.0.0	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:	POPE, Maurice	
	history (event, available, version,					
	smg-26 26/06/1998 7 . 0 . 0	get it		remarks - general:	2001-09-03: S3 secretary reports that this spec is not mature enough for official	
				remarks - this release:	publication. Work continues in 43.031. SP-18: in fact, in 23.031.	
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R98	current version: 7.2.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	SOURCE COM
	freeze_meeting: smg-29	G: yes U:		MCC:	YOON, Sang-Ui	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
	SP-08 23/06/2000 7 . 1 . 0	get it		remarks - this release:		
	SP-18 09/01/2003 7 . 2 . 0	get it				
<hr/>						
TS 03.33	Lawful Interception; Stage 2					
R98	current version: 7.2.0	WG (prime / other):	S3 / -	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH
	freeze_meeting: smg-29	G: yes U:		MCC:	POPE, Maurice	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it		remarks - general:		
	smg-29 25/06/1999 7 . 1 . 0	get it		remarks - this release:	#27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0	
	SP-10 21/12/2000 7 . 2 . 0	get it				
<hr/>						
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
				remarks - this release:	#29: 7.0.0	
<hr/>						
TS 03.35	Immediate Service Termination (IST); Stage 2					
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:	POPE, Maurice	
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 30/10/2001 7 . 0 . 1	get it		remarks - this release:		

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TS 03.38	Alphabets and language-specific information								
R98	<i>current version:</i> 7.2.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-28 12/02/1999	7 . 1 . 0		get it	<i>remarks - this release:</i> #26: 7.0.0 #28: 7.1.0 #29: 7.2.0				
	smg-29 25/06/1999	7 . 2 . 0		get it					

TS 03.40	Technical realization of the Short Message Service (SMS)								
R98	<i>current version:</i> 7.5.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-27 16/10/1998	7 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-29 25/06/1999	7 . 2 . 0		get it					
	TP-05 08/10/1999	7 . 3 . 0		get it					
	TP-06 15/12/1999	7 . 4 . 0		get it					
	TP-14 11/01/2002	7 . 5 . 0		get it					

TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
R98	<i>current version:</i> 7.4.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-29 25/06/1999	7 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-06 15/12/1999	7 . 2 . 0		get it					
	TP-07 15/03/2000	7 . 3 . 0		get it					
	TP-09 19/10/2000	7 . 4 . 0		get it					

TS 03.42	SMS Compression								
R98	<i>current version:</i> 7.1.1		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-28 12/02/1999	7 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-29 25/06/1999	7 . 1 . 1		get it					

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TR 03.43	Support of Videotex								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release: #29: 7.0.0				
<hr/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release:				
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R98	current version: 7.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1			get it	remarks - general: remarks - this release:				
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R98	current version: 7.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release:				
<hr/>									
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):	T2 / -	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release:				

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R98	current version: 7.0.1	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general: SMG9->T3@#31			
	smg-29 25/06/1999 7 . 0 . 1	get it	remarks - this release:			
<hr/>						
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): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH		
	freeze_meeting: SP-08	G: yes U:	MCC: RODERMUND, Friedhelm			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
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			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI publication 12/01/2000 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0 #32:7.1.0			
	smg-32 20/06/2000 7 . 1 . 0	get it				
	ETSI publication 28/11/2000 7 . 1 . 1	get it				
<hr/>						
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			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI PE 26/05/1999 7 . 0 . 1	get it	remarks - this release: #28: 7.0.0 #29: 7.1.0			
	smg-29 25/06/1999 7 . 1 . 0	get it				
	ETSI publication 05/09/2000 7 . 1 . 1	get it				

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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
history (event, available, version,		get it	remarks - general:	Mar00: prime responsibility txfrd to SMG11	
smg-25 20/03/1998	7 . 0 . 0	get it	remarks - this release:	#25: 7.0.0	
smg-29 25/06/1999	7 . 0 . 1				
<hr/>					
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):	N3 / -	rapporteur:	BOSWARTHICK, David ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David
history (event, available, version,		get it	remarks - general:		
smg-29 25/06/1999	7 . 0 . 0		remarks - this release:	#29: 7.0.0	
<hr/>					
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:	YOON, Sang-Ui
history (event, available, version,		get it	remarks - general:		
smg-28 12/02/1999	7 . 0 . 0	get it	remarks - this release:	#27: for info #28: 7.0.0 #29: 7.1.0	
ETSI PE 26/05/1999	7 . 0 . 1	get it			
smg-29 25/06/1999	7 . 1 . 0	get it			
ETSI publication 05/09/2000	7 . 1 . 1	get it			
<hr/>					
TS 03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2				
R98	current version: 7.2.0	WG (prime / other):	T2 / -	rapporteur:	BRENK, Lars TTPCom Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	RODERMUND, Friedhelm
history (event, available, version,		get it	remarks - general:		
smg-29 25/06/1999	7 . 0 . 0	get it	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	
TP-06 15/12/1999	7 . 1 . 0				
TP-07 15/03/2000	7 . 2 . 0	get it			
<hr/>					
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
history (event, available, version,		get it	remarks - general:		
smg-29 25/06/1999	7 . 0 . 0		remarks - this release:	#29: 7.0.0	

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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:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,

smg-28	12/02/1998	7	.	0	.	0	get it	<i>remarks - general:</i>
smg-29	25/06/1999	7	.	1	.	0	get it	<i>remarks - this release:</i>
ETSI publication	20/01/2000	7	.	1	.	1	get it	
SP-05	08/10/1999	7	.	2	.	0	get it	
SP-06	15/12/1999	7	.	3	.	0	get it	
ETSI publication	07/07/2000	7	.	3	.	1	get it	
SP-07	15/03/2000	7	.	4	.	0	get it	
ETSI publication	22/09/2000	7	.	4	.	1	get it	
SP-09	01/02/2001	7	.	5	.	0	get it	
SP-11	19/04/2001	7	.	6	.	0	get it	
SP-12	29/06/2001	7	.	7	.	0	get it	
SP-14	08/01/2002	7	.	8	.	0	get it	
edito		7	.	8	.	1		
SP-17	02/10/2002	7	.	9	.	0	get it	

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-31	16/02/2000	7	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i>

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version:* 7.1.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0	get it	<i>remarks - general:</i>
smg-30	11/11/1999	7	.	1	.	0	get it	<i>remarks - this release:</i>

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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):	N4 / -	rapporteur:	LOPEZ SORIA, Luis	Telefon AB LM Ericsson
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:	
	smg-29 25/06/1999 7 . 1 . 0			get it	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	
	NP-05 08/10/1999 7 . 2 . 0			get it		
	NP-07 15/03/2000 7 . 3 . 0			get it		
	ETSI publication 10/10/2000 7 . 3 . 1			get it		
<hr/>						
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
R98	current version: 7.2.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	NP-07 17/03/2000 7 . 1 . 0			get it	remarks - this release:	
	NP-10 21/12/2000 7 . 2 . 0			get it		
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	NP-07 15/12/1999 7 . 1 . 0			get it	remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0	
	NP-09 12/10/2000 7 . 2 . 0			get it		
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	NP-07 15/03/2000 7 . 1 . 0			get it	remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0	
	NP-09 12/10/2000 7 . 2 . 0			get it		

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #29: 7.0.0

TS 03.71 Location Services (LCS); Functional description; Stage 2

R98 *current version:* 7.10.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 1 . 0 . 0
smg-29 25/06/1999 7 . 0 . 0
SA2-06 30/07/1999 7 . 2 . 0
edito 29/12/1999 7 . 2 . 1
smg-31 16/02/2000 7 . 3 . 0
smg-31 bis 17/04/2000 7 . 4 . 0
SP-11 11/04/2001 7 . 5 . 0
SP-12 29/06/2001 7 . 6 . 0
SP-13 15/10/2001 7 . 7 . 0
SP-14 07/01/2002 7 . 8 . 0
SP-15 02/04/2002 7 . 9 . 0
SP-16 17/06/2002 7 . 10 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 0 . 1
NP-05 08/10/1999 7 . 1 . 0

WG (prime / other): N4 / - *rapporteur:* VACANT,
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 7.0.0 TSG#5 7.1.0
[get it](#)

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TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version: 7.2.0*

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
smg-30 11/11/1999 7 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.

[get it](#) *remarks - this release:* #27: for info

[get it](#)

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version: 7.8.1*

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0
ETSI publication 16/08/1999 7 . 0 . 1
smg-29 25/06/1999 7 . 1 . 0
NP-05 13/10/1999 7 . 2 . 0
NP-07 17/03/2000 7 . 3 . 0
NP-08 23/06/2000 7 . 4 . 0
NP-10 04/01/2001 7 . 5 . 0
NP-12 02/07/2001 7 . 6 . 0
visible figures 04/07/2001 7 . 6 . 1
NP-14 04/01/2002 7 . 7 . 0
NP-16 17/06/2002 7 . 8 . 0
Editorial correction 21/08/2002 7 . 8 . 1
to SDLs

WG (prime / other): N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.

G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version: 7.3.0*

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
NP-05 08/10/1999 7 . 2 . 0
NP-07 15/03/2000 7 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

G: yes U: *MCC:* Chalmers
KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0

[get it](#)

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TS 03.81	Line Identification Supplementary Services; Stage 2					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it		remarks - general:		
	smg-29 25/06/1999 7 . 0 . 1	get it		remarks - this release: #28: 7.0.0		
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
				remarks - this release:		

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Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 12/01/2000 7 . 0 . 1			get it	<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 03.87	User-to-user signalling (UUS); Stage 2					
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-29 25/06/1999 7 . 0 . 1			get it	<i>remarks - this release: #28: 7.0.0</i>	
	ETSI publication 17/12/1999 7 . 0 . 2			get it		
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	CHOTAI, Sunil	mm02 plc
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	

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ACTIVE specs R98 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.96 Name Identification Supplementary Services; Stage 2
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.97 Multiple subscriber Profile (MSP); Stage 2
R98 *current version: 7.2.0* WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 1 . 1 [get it](#)
NP-06 15/12/1999 7 . 2 . 0 [get it](#)

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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 MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.04 Layer 1 - General Requirements
R98 *current version: 7.0.0* WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.05 Data Link (DL) Layer General Aspects
R98 *current version: 7.1.2* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:*
smg-31 16/02/2000 7 . 1 . 0 [get it](#)
Editorial correction 16/03/2000 7 . 1 . 1 [get it](#)
ETSI publication 22/09/2000 7 . 1 . 2 [get it](#)

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Server ACTIVE specs R98 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 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	14/12/1999	7	.	0	.	1
smg-31	16/02/2000	7	.	1	.	0
Editorial correction	16/02/2000	7	.	1	.	1
ETSI publication	29/09/2000	7	.	1	.	2
GP-03	31/01/2001	7	.	2	.	0
edito	31/01/2001	7	.	2	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R98 *current version: 7.3.0* WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-06	15/12/1999	7	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.19.1

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
edito	15/07/1999	7	.	1	.	1
ETSI OAP	11/08/1999	7	.	1	.	2
ETSI publication	29/12/1999	7	.	1	.	3
NP-05	08/10/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
NP-06	15/12/1999	7	.	4	.	0
ETSI publication	20/09/2000	7	.	4	.	2
smg-31	16/02/2000	7	.	5	.	0
edito	20/02/2000	7	.	5	.	1
NP-07	15/03/2000	7	.	6	.	0
ETSI publicaton	05/10/2000	7	.	6	.	1
smg-31 bis	17/04/2000	7	.	7	.	0
smg-32	28/06/2000	7	.	8	.	0
GP-01/NP-09	12/10/2000	7	.	9	.	0
edito	02/11/2000	7	.	9	.	1
NP-10	02/01/2001	7	.	10	.	0
GP-04	11/04/2001	7	.	11	.	0
GP-05	18/06/2001	7	.	12	.	0
NP-12	13/07/2001	7	.	13	.	0
GP-06	14/09/2001	7	.	14	.	0
GP-07	04/01/2002	7	.	15	.	0
NP-14	07/01/2002	7	.	16	.	0
GP-08	19/02/2002	7	.	17	.	0
NP-17	17/09/2002	7	.	18	.	0
NP-18	18/12/2002	7	.	19	.	0
correction to	25/04/2003	7	.	19	.	1

history box

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#)

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

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remarks - this release: Thomasen (even numbered CRs!)

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R98	current version: 7.1.0	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29		Peter Skov		
	history (event, available, version,	G: yes U:	MCC: KYMALAINEN, Kimmo		
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:		
	smg-29 25/06/1999 7 . 0 . 1	get it	remarks - this release:		
	NP-14 10/01/2002 7 . 1 . 0	get it			
<hr/>					
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): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:		
	NP-09 12/10/2000 7 . 1 . 0	get it	remarks - this release:		
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R98	current version: 7.0.1	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29		Peter Skov		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert		
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:		
	ETSI publication 12/01/2000 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0		
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R98	current version: 7.0.1	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:		
	ETSI publication 12/01/2000 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0		

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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				
history (event, available, version,									
smg-29	25/06/1999	7	. 0	. 0	get it	remarks - general:			
smg-30	11/11/1999	7	. 1	. 0	get it	remarks - this release:			
smg-32	20/06/2000	7	. 2	. 0	get it				
GP-10	19/07/2002	7	. 3	. 0	get it				

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R98	current version: 7.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-27	16/10/1998	7	. 0	. 0	get it	remarks - general:			
edito		7	. 0	. 1		remarks - this release: #27: 7.0.0 TSG#8:7.1.0			
smg-29	25/06/1999	7	. 0	. 2	get it				
ETSI publication	14/12/1999	7	. 0	. 3	get it				
NP-08	21/06/2000	7	. 1	. 0	get it				

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):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-29		G: yes	U:	MCC:	BOSWARTHICK, David			
history (event, available, version,									
smg-28	12/02/1999	7	. 0	. 0	get it	remarks - general:			
ETSI publication	31/08/1999	7	. 0	. 1	get it	remarks - this release:			
NP-06	15/12/1999	7	. 1	. 0	get it				

TS 04.30	Location Services (LCS); Supplementary service operations; Stage 3								
R98	current version: 7.3.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
smg-30 bis	06/12/1999	7	. 0	. 1	get it	remarks - general: Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3			
smg-31	16/02/2000	7	. 1	. 0	get it	remarks - this release: and the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.			
SP-08	21/06/2000	7	. 2	. 0	get it				
NP-14	10/01/2002	7	. 3	. 0	get it				

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TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R98	<i>current version:</i> 7.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30	1 . 0 . 0		<i>remarks - general:</i>	
	smg-30 bis 06/12/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>	
	smg-31 16/02/2000	7 . 1 . 0	get it		
	smg-31 bis 17/04/2000	7 . 2 . 0	get it		
	GP-02 30/11/2000	7 . 3 . 0	get it		
	GP-03 31/01/2001	7 . 4 . 0	get it		
	edito 31/01/2001	7 . 4 . 1	get it		
	GP-04 04/05/2001	7 . 5 . 0	get it		
	GP-05 18/06/2001	7 . 6 . 0	get it		
	GP-06 14/09/2001	7 . 7 . 0	get it		
	GP-07 08/01/2002	7 . 8 . 0	get it		
	GP-08 19/02/2002	7 . 9 . 0	get it		
	GP-09 02/05/2002	7 . 10 . 0	get it		
	GP-10 19/07/2002	7 . 11 . 0	get it		

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30 bis 06/12/1999	7 . 0 . 1	get it	<i>remarks - general:</i>	
	smg-31 bis 17/04/2000	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	GP-01 11/10/2000	7 . 2 . 0	get it		
	GP-03 31/01/2001	7 . 3 . 0	get it		
	GP-07 08/01/2002	7 . 4 . 0	get it		

TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI PE 25/05/1999	7 . 0 . 1	get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0	
	smg-29 25/06/1999	7 . 1 . 0	get it		
	ETSI publication 05/09/2000	7 . 1 . 1	get it		

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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):	N1 / -	rapporteur:	HUPPERICH, Peter ALCATEL S.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-28	12/02/1999	7 . 0 . 0		get it	remarks - general:
ETSI PE	26/05/1999	7 . 0 . 1		get it	remarks - this release: #28: 7.0.0
ETSI Vote	22/05/2000	7 . 0 . 2		get it	
ETSI publication	05/09/2000	7 . 0 . 3		get it	

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:	BLACK, Jyoti MOTOROLA
	freeze_meeting: smg-29	G: yes U:		MCC:	THOMASEN, Gert
history (event, available, version,					
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:
smg-30	11/11/1999	7 . 1 . 0		get it	remarks - this release:
smg-30 bis	06/12/1999	7 . 2 . 0		get it	
smg-31	16/02/2000	7 . 3 . 0		get it	
smg-32	28/06/2000	7 . 5 . 0		get it	
GP-01	11/10/2000	7 . 6 . 0		get it	
GP-02	27/11/2000	7 . 7 . 0		get it	
GP-03	31/01/2001	7 . 8 . 0		get it	
GP-04	04/05/2001	7 . 9 . 0		get it	
GP-10	19/07/2002	7 . 10 . 0		get it	

TS 04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3				
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	JACOBSON, Dieter T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:
					remarks - this release:

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http://www.3gpp.org/ftp/Specs/archive/04_series

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):	N1 / -	rapporteur:	DOIG, Ian MOTOROLA S.A.S
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:
smg-30	11/11/1999	7 . 1 . 0		get it	remarks - this release:
SP-06	15/12/1999	7 . 2 . 0		get it	
smg-31	16/02/2000	7 . 3 . 0		get it	
NP-10	02/01/2001	7 . 4 . 0		get it	
NP-14	04/01/2002	7 . 5 . 0		get it	

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):	N1 / -	rapporteur:	DOIG, Ian MOTOROLA S.A.S
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.
smg-30	11/11/1999	7 . 1 . 0		get it	remarks - this release:
post SP-06	15/12/1999	7 . 2 . 0		get it	
smg-31	16/02/2000	7 . 3 . 0		get it	

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3				
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:
ETSI publication	12/01/2000	7 . 0 . 1		get it	remarks - this release: #29: 7.0.0

TS 04.68	Group Call Control (GCC) Protocol				
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:
smg-30	11/11/1999	7 . 1 . 0		get it	remarks - this release:
NP-07	15/03/2000	7 . 2 . 0		get it	

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

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TS 04.69	Broadcast Call Control (BCC) protocol						
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	smg-29 25/06/1999			get it	remarks - general:		
	smg-30 11/11/1999			get it	remarks - this release:		
	NP-07 15/03/2000			get it			

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	MOTOROLA A/S	
	freeze_meeting: smg-29	G: yes U:		MCC:	Peter Skov THOMASEN, Gert		
	history (event, available, version,						
	smg-28 12/02/1999			get it	remarks - general:	Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.	
	smg-29 25/06/1999			get it	remarks - this release:		
	smg-30 bis 15/12/1999			get it			
	smg-32 28/06/2000			get it			
	GP-05 18/06/2001			get it			
	GP-07 08/01/2002			get it			
	GP-10 22/07/2002			get it			

TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3						
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	smg-28 12/02/1999			get it	remarks - general:		
	ETSI publication 30/10/2001			get it	remarks - this release:	#27: for info #28: 7.0.0	

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding						
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	smg-28 12/02/1999			get it	remarks - general:		
	NP-06 15/12/1999			get it	remarks - this release:		
	NP-07 15/03/2000			get it			
	NP-08 21/06/2000			get it			
	NP-09 28/09/2000			get it			

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

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.81 Line Identification Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98 *current version:* 7.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
<to be defined> 14/12/1999 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.84 Multi Party (MPPTY) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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

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TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	ETSI Publication 12/01/2000			get it	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					
<hr/>						
TS 04.87	User-to-User Signalling (UUS) Supplementary Service; Stage 3					
R98	current version: 7.0.2	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	ETSI Publication 16/12/1999			get it	remarks - this release: #28: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 2					
<hr/>						
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	ETSI Publication 12/01/2000			get it	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					
<hr/>						
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	ETSI Publication 12/01/2000			get it	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					

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

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ACTIVE specs R98 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 04.96 Name Identification Supplementary Services; Stage 3

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

R98 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R98 *current version: 7.2.0*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-30 11/11/1999 7 . 1 . 0
GP-07 04/01/2002 7 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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

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http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 current version: 7.7.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
ETSI publication	17/07/2000	7	.	3	.	1
smg-31	16/02/2000	7	.	4	.	0
ETSI publication	29/09/2000	7	.	4	.	1
smg-31 bis	17/04/2000	7	.	5	.	0
ETSI publication	17/10/2000	7	.	5	.	1
GP-02	24/11/2000	7	.	6	.	0
edito	30/11/2000	7	.	6	.	1
edito	20/04/2001	7	.	6	.	2
GP-06	01/10/2001	7	.	7	.	0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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TS 05.03 Channel coding

R98 current version: 7.3.1

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0
smg-31	16/02/1999	7	.	3	.	0
ETSI publication	17/02/2001	7	.	3	.	1

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0
[get it](#)
[get it](#)
[get it](#)

TS 05.04 Modulation

R98 current version: 7.3.0

freeze_meeting: smg-29

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	20/06/2000	7	.	0	.	1
smg-30 bis	06/12/1999	7	.	1	.	0
ETSI publication	20/06/2000	7	.	1	.	1
GP-03	15/02/2001	7	.	2	.	0
GP-05	29/06/2001	7	.	3	.	0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

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

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TS 05.05 Radio Transmission and Reception

R98 *current version: 7.9.0*

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

ETSI publication 14/12/1999 7 . 1 . 1

smg-30 11/11/1999 7 . 2 . 0

smg-31 16/02/2000 7 . 3 . 0

ETSI publication 15/10/2000 7 . 3 . 1

smg-31 bis 17/04/2000 7 . 4 . 0

GP-01 10/10/2000 7 . 5 . 0

GP-06 01/10/2001 7 . 6 . 0

GP-09 06/05/2002 7 . 7 . 0

GP-10 19/07/2002 7 . 8 . 0

GP-11 19/09/2002 7 . 9 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

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TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0*

freeze_meeting: smg-29

history (event, available, version,

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-31 bis 17/04/2000 7 . 4 . 0

ETSI publication 7 . 4 . 1

GP-01 10/10/2000 7 . 5 . 0

GP-02 24/11/2000 7 . 6 . 0

edito 30/11/2000 7 . 6 . 1

GP-06 01/10/2001 7 . 7 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

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

VODAFONE Group Plc

remarks - general:

remarks - this release:

[get it](#)

[get it](#)

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[get it](#)

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

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http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.09	Link adaptation					
R98	<i>current version:</i> 7.7.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-29			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 24/06/1999	7 . 0 . 1		get it	<i>remarks - this release:</i>	
	ETSI publication 16/12/1999	7 . 0 . 2		get it		
	smg-30 11/11/1999	7 . 1 . 0		get it		
	smg-31 16/02/1999	7 . 2 . 0		get it		
	ETSI publication 05/10/2000	7 . 2 . 1		get it		
	smg-32 28/06/2000	7 . 3 . 0		get it		
	GP-02 01/09/2000	7 . 4 . 0		get it		
	GP-03 15/02/2001	7 . 5 . 0		get it		
	remove revision 31/07/2001	7 . 5 . 1		get it		
	marks					
	GP-06 01/10/2001	7 . 6 . 0		get it		
	GP-07 04/01/2002	7 . 7 . 0		get it		
TS 05.10	Radio subsystem synchronization					
R98	<i>current version:</i> 7.4.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998	7 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 25/06/1999	7 . 1 . 0		get it	<i>remarks - this release:</i> GERAN#2:7.4.0	
	ETSI publication 14/12/1999	7 . 1 . 1		get it		
	smg-30 11/11/1999	7 . 2 . 0		get it		
	smg-31 bis 17/04/2000	7 . 3 . 0		get it		
	ETSI publication 17/10/2000	7 . 3 . 1		get it		
	GP-02 24/11/2000	7 . 4 . 0		get it		
TS 05.14	Release independent frequency bands; Implementation guidelines					
R98	<i>current version:</i> 7.2.0		<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti		NOKIA Corporation
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-02 05/01/2001	7 . 0 . 0		get it	<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
	GP-05 29/06/2001	7 . 1 . 0		get it	<i>remarks - this release:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
Changed from G2 to G1 at same time.						
	GP-10 19/07/2002	7 . 2 . 0		get it	GERAN#2:7.0.0	

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

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Server http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	Upgrade to 30/03/2000 7 . 0 . 0	get it	<i>remarks - general:</i>		
<i>Release 98</i>			<i>remarks - this release:</i> .		
<hr/>					
TR 05.50	Background for RF Requirements				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	Peter Skov		
<i>history (event, available, version,</i>		<i>MCC:</i> USAI, Paolino			
smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0			
smg-30 11/11/1999 7 . 2 . 0	get it				
smg-31 16/02/2000 7 . 3 . 0	get it				
smg-31 bis 17/04/2000 7 . 4 . 0	get it				
<hr/>					
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>		get it	<i>remarks - general:</i>		
smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - this release:</i>			
smg-29 25/06/1999 7 . 1 . 0	get it				
ETSI Publication 05/09/2000 7 . 1 . 1	get it				
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TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	upgrade to R98 10/04/2001 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.		

R98

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions								
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				
	history (event, available, version,								
	smg-28 12/02/1999 7 . 0 . 0	get it		remarks - general:					
	ETSI Publication 14/12/1999 7 . 0 . 2	get it		remarks - this release: #28: 7.0.0					
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TS 06.02	Half Rate Speech Processing Functions								
R98	current version: 7.0.2	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999 7 . 0 . 0	get it		remarks - general:					
	ETSI Publication 14/12/1999 7 . 0 . 2	get it		remarks - this release: #28: 7.0.0					
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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	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:					
	ETSI Publication 20/01/2000 7 . 0 . 1	get it		remarks - this release: #29: 7.0.0					
<hr/>									
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				
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:					
	ETSI Publication 20/01/2000 7 . 0 . 1	get it		remarks - this release: #29: 7.0.0					
<hr/>									
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				
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:					
				remarks - this release: #29: 7.0.0					

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10 Full Rate Speech Transcoding

R98 current version: 7.2.0

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

ETSI OAP 28/07/1999 7 . 0 . 1

ETSI publication 14/12/1999 7 . 0 . 2

inclusion of zip 29/03/2000 7 . 0 . 3

files

inclusion of doc 31/05/2000 7 . 0 . 4

file (!)

smg-32 20/06/2000 7 . 1 . 0

SP-12 29/06/2001 7 . 2 . 0

WG (prime / other): S4 / - rapporteur: LORENZ, Dietmar

G: yes U: MCC: USAI, Paolino

PHILIPS Semiconductors

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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[get it](#)

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R98 current version: 7.0.1

freeze_meeting: smg-29

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI Publication 29/12/1999 7 . 0 . 1

WG (prime / other): S4 / - rapporteur: NAVARRO, William

G: yes U: MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#) remarks - general:

[get it](#) remarks - this release: #29: 7.0.0

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R98 current version: 7.1.0

freeze_meeting: smg-29

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI Publication 12/01/2000 7 . 0 . 1

SP-12 29/06/2001 7 . 1 . 0

WG (prime / other): S4 / - rapporteur: SERENO, Daniele

G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) remarks - general:

[get it](#) remarks - this release: #29: 7.0.0

[get it](#)

TS 06.20 Half Rate Speech Transcoding

R98 current version: 7.0.1

freeze_meeting: smg-29

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI publication 17/01/2000 7 . 0 . 1

WG (prime / other): S4 / - rapporteur: AFTELAK, Steve

G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

[get it](#) remarks - general:

[get it](#) remarks - this release: #29: 7.0.0

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames 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	
	history (event, available, version,					
	smg-29 25/06/1999					
	ETSI publication 17/01/2000					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
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	
	history (event, available, version,					
	smg-29 25/06/1999					
	ETSI Publication 20/01/2000					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
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	
	history (event, available, version,					
	smg-29 25/06/1999					
	ETSI Publication 12/01/2000					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
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	
	history (event, available, version,					
	smg-29 25/06/1999					
	ETSI Publication 13/01/2000					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
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	
	history (event, available, version,					
	smg-29 25/06/1999					
	ETSI Publication 20/01/2000					
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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				
	history (event, available, version,								
	smg-29 25/06/1999			get it	remarks - general:				
	ETSI Publication 20/01/2000			get it	remarks - this release: #29: 7.0.0				
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				
	history (event, available, version,								
	smg-28 12/02/1999			get it	remarks - general:				
	smg-29 25/06/1999			get it	remarks - this release: #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0				
	smg-32 20/06/2000			get it					
	ETSI publication 30/11/2000			get it					
	SP-10 20/12/2000			get it					
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				
	history (event, available, version,								
	smg-29 25/06/1999			get it	remarks - general:				
	ETSI Publication 12/01/2000			get it	remarks - this release:				
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				
	history (event, available, version,								
	smg-29 25/06/1999			get it	remarks - general:				
	ETSI publication 12/01/2000			get it	remarks - this release:				
	SP-10 20/12/2000			get it					

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
R98	current version: 7.0.2	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
smg-28	12/02/1999	7 . 0 . 0		get it	remarks - general:	
ETSI Publication	13/12/1999	7 . 0 . 2		get it	remarks - this release: #28: 7.0.0	
<hr/>						
TS 06.61	Substitution and muting of lost frames 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	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
ETSI Publication	12/01/2000	7 . 0 . 1		get it	remarks - this release: #29: 7.0.0	
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) 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	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
ETSI Publication	12/01/2000	7 . 0 . 1		get it	remarks - this release: #29: 7.0.0	
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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:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
history (event, available, version,						
smg-28	12/02/1999	7 . 0 . 0		get it	remarks - general: SMG11->S4 at SMG#30	
ETSI Publication	16/12/1999	7 . 0 . 2		get it	remarks - this release: #28: 7.0.0	

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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:	USAI, Paolino	TELECOM ITALIA S.p.A.			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:	SMG11->S4 at SMG#30			
	smg-29 25/06/1999	7 . 1 . 0		get it	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			
	smg-30 11/11/1999	7 . 2 . 0		get it					
	SP-06 17/12/1999	7 . 3 . 0		get it					
	SP-07 15/03/2000	7 . 4 . 0		get it					
	ETSI Publication 28/09/2000	7 . 4 . 1		get it					
	SP-11 10/04/2001	7 . 5 . 0		get it					
	SP-14 09/01/2002	7 . 6 . 0		get it					

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:	EKUDDEN, Erik	Telefon AB LM Ericsson			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
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	vectors								
	corrected test 14/09/2000	7 . 0 . 2		get it					
	vectors								
	ETSI publication 05/10/2000	7 . 0 . 3		get it					
	SP-11 10/04/2001	7 . 1 . 0		get it					
	corrected tests 04/07/2001	7 . 1 . 1		get it					
	SP-15 28/03/2002	7 . 2 . 0		get it					
	SP-16 28/06/2002	7 . 3 . 0		get it					

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				
	history (event, available, version,								
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	smg-30 11/11/1999	7 . 0 . 0		get it	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			
	SP-06 17/12/1999	7 . 1 . 0		get it					
	SP-07 17/03/2000	7 . 2 . 0		get it					

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 1 . 0 . 0	get it		<i>remarks - general:</i>	New at SMG#31. Then became 06.77; new 06.76 has new title.	
	SP-07 2 . 0 . 0 SP-000023			<i>remarks - this release:</i>		
	SP-07 17/03/2000 7 . 0 . 0	get it				
	fix invisible 10/01/2002 7 . 0 . 1	get it				
	refix invisible 15/01/2002 7 . 0 . 2	get it				
	figures					
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-30 11/11/1999 7 . 1 . 0	get it		<i>remarks - this release:</i>	#29: 7.0.0 #30: 7.1.0	
	ETSI Publication 09/05/2000 7 . 1 . 1	get it				
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it		<i>remarks - general:</i>		
	ETSI Publication 12/01/2000 7 . 0 . 1	get it		<i>remarks - this release:</i>	#29: 7.0.0	
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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					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
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				<i>remarks - this release:</i>	#29: 7.0.0	

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.90	Adaptive Multi-Rate speech transcoding								
R98	current version: 7.2.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
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	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release:	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0			
	smg-30 11/11/1999	7 . 2 . 0		get it					
	ETSI Publication 09/05/2000	7 . 2 . 1		get it					

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:	USAI, Paolino	TELECOM ITALIA S.p.A.			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
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	smg-30 11/11/1999	7 . 1 . 0		get it	remarks - this release:	#28: 7.0.0 #30: 7.1.0			
	ETSI Publication 09/05/2000	7 . 1 . 1		get it					

TS 06.92	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels								
R98	current version: 7.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.			
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	ETSI Publication 17/12/1999	7 . 1 . 1		get it					

TS 06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels								
R98	current version: 7.5.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
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	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:	SMG11->S4 at SMG#30			
	smg-29 25/06/1999	7 . 1 . 0		get it	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			
	smg-30 11/11/1999	7 . 2 . 0		get it					
	SP-06 17/12/1999	7 . 3 . 0		get it					
	ETSI publication 21/03/2001	7 . 3 . 1		get it					
	SP-08 28/06/2000	7 . 4 . 0		get it					
	ETSI publication 30/11/2000	7 . 4 . 1		get it					
	SP-10 21/12/2000	7 . 5 . 0		get it					

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

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0*
ETSI Publication 22/12/1999 7 . 1 . 1 [get it](#)

R98 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R98 *current version: 7.1.1* WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 G: yes U: MCC: BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R98 *current version: 7.0.1* WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 G: yes U: MCC: BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 10/08/1999 7 . 0 . 1 [get it](#) *remarks - this release: #27: 7.0.0*

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
R98 *current version: 7.0.0* WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 G: yes U: MCC: BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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

3GPP specification status

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Server ACTIVE specs R98 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

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): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version: 7.8.0* WG (prime / other): T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-08 G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 7 . 2 . 0 [get it](#)
smg-29 25/06/1999 7 . 3 . 0 [get it](#)
TP-05 13/10/1999 7 . 4 . 0 [get it](#)
TP-06 15/12/1999 7 . 5 . 0 [get it](#)
TP-11 06/04/2001 7 . 6 . 0 [get it](#)
TP-14 11/01/2002 7 . 7 . 0 [get it](#)
TP-19 28/03/2003 7 . 8 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98 *current version: 7.2.0* WG (prime / other): T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-29 G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 26/03/2002 7 . 2 . 0 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R98 *current version: 7.2.0* WG (prime / other): N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: MCC: BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0*
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

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

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Server ACTIVE specs R98 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

R98 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01	General Aspects on the BSS-MSC Interface					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
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 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			

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

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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 MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-25	20/03/1998	7	.	0	.	0
smg-28	12/02/1999	7	.	1	.	0
smg-29	25/06/1999	7	.	2	.	0
smg-30	11/11/1999	7	.	3	.	0
smg-30 bis	06/12/1999	7	.	4	.	0
smg-31 bis	17/04/2000	7	.	5	.	0
smg-31	16/02/2000	7	.	5	.	0
smg-32	20/06/2000	7	.	6	.	0
edito	14/09/2000	7	.	6	.	1
GP-01	11/10/2000	7	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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 MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
ETSI Publication	30/08/1999	7	.	0	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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 MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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
	freeze_meeting: smg-29	G: yes U:		MCC:	THOMASEN, Gert
	history (event, available, version,				MOTOROLA
	smg-29 25/06/1999	7 . 0 . 0	get it	remarks - general:	
	smg-30 11/11/1999	7 . 1 . 0	get it	remarks - this release:	
	smg-31 16/02/2000	7 . 3 . 0	get it		
ETSI publication	26/05/2000	7 . 3 . 1	get it		
GP-03	31/01/2001	7 . 4 . 0	get it		
GP-05	18/06/2001	7 . 5 . 0	get it		

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):	N3 / -	rapporteur:	RÄSÄNEN, Juha
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David
	history (event, available, version,				NOKIA Corporation
	smg-27 16/10/1998	7 . 0 . 0	get it	remarks - general:	
	smg-29 25/06/1999	7 . 0 . 1	get it	remarks - this release:	
	NP-11 04/04/2001	7 . 1 . 0	get it		

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
	freeze_meeting: smg-29	G: yes U:		MCC:	Peter Skov
	history (event, available, version,				THOMASEN, Gert
	smg-30	1 . 0 . 0		remarks - general:	
	smg-30 bis 06/12/1999	7 . 0 . 1	get it	remarks - this release:	
	GP-05 18/06/2001	7 . 1 . 0	get it		

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
	freeze_meeting: smg-29	G: yes U:		MCC:	Peter Skov
	history (event, available, version,				THOMASEN, Gert
	smg-29 25/06/1999	7 . 0 . 0	get it	remarks - general:	
				remarks - this release:	

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

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
R98	<i>current version: 7.4.1</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	<i>smg-28 12/02/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
	<i>smg-29 25/06/1999 7 . 1 . 0</i>	get it		<i>remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0</i>		
	<i>smg-30 11/11/1999 7 . 2 . 0</i>	get it				
	<i>smg-31 16/02/2000 7 . 4 . 0</i>	get it				
	<i>ETSI Publication 26/05/2000 7 . 4 . 1</i>	get it				

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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	MOTOROLA A/S
	freeze_meeting: smg-29				Peter Skov	
		G: yes	U:	MCC:	USAI, Paolino	
history (event, available, version,						
smg-29	25/06/2000	7	. 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-30	11/11/1999	7	. 1 . 0	get it	remarks - this release:	
smg-30 bis	06/12/1999	7	. 2 . 0	get it		
ETSI publication	07/09/2000	7	. 2 . 1	get it		
GP-08	19/02/2002	7	. 3 . 0	get it		

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	MOTOROLA A/S
	freeze_meeting: smg-29				Peter Skov	
		G: yes	U:	MCC:	USAI, Paolino	
history (event, available, version,						
smg-29	25/06/1999	7	. 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-30	11/11/1999	7	. 1 . 0	get it	remarks - this release:	
smg-30 bis	06/12/1999	7	. 2 . 0	get it		
Edito	15/12/1999	7	. 2 . 1	get it		
GP-08	19/02/2002	7	. 3 . 0	get it		

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	
history (event, available, version,						
smg-28	12/02/1999	7	. 0 . 0	get it	remarks - general:	SMG11->S4 at SMG#30
SP-07	15/03/1999	7	. 1 . 0	get it	remarks - this release:	#28: 7.0.0 TSG#7: 7.1.0
edito	09/08/2000	7	. 1 . 1	get it		

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

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ACTIVE specs R98 08 .- series
Server http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3				
R98	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-30 bis 06/12/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	edito 31/12/1999	7 . 1 . 1	get it		
	smg-31 16/02/2000	7 . 2 . 0	get it		
	smg-31 bis 17/04/2000	7 . 3 . 0	get it		
	GP-02 30/11/2000	7 . 4 . 0	get it		
	GP-06 14/09/2001	7 . 5 . 0	get it		
	GP-07 08/01/2002	7 . 6 . 0	get it		

R98 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

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

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R98 current version: 7.13.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-06	13/12/1999	7	.	3	.	0
NP-07	15/03/2000	7	.	4	.	0
NP-08	21/06/2000	7	.	5	.	0
edito	04/09/2000	7	.	5	.	1
NP-09	08/11/2000	7	.	6	.	0
NP-10	21/12/2000	7	.	7	.	0
NP-11	06/04/2001	7	.	8	.	0
NP-12	06/07/2001	7	.	9	.	0
NP-14	18/01/2002	7	.	10	.	0
NP-15	04/04/2002	7	.	11	.	0
NP-18	08/01/2003	7	.	12	.	0
NP-19	07/04/2003	7	.	13	.	0

WG (prime / other): N4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general: CN->N4 Apr00 (JMM)

[get it](#) remarks - this release:

[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

R98 current version: Network (PLMN)

7.0.0

WG (prime / other):

N3

/-

rapporteur:

BOSWARTHICK, David

ETSI Secretariat

freeze_meeting: smg-29

G: yes U:

MCC: BOSWARTHICK, David

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #29: 7.0.0

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): N3 / -

rapporteur: BOSWARTHICK, David

ETSI Secretariat

freeze_meeting: smg-29

G: yes U:

MCC: BOSWARTHICK, David

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #29: 7.0.0

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

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R98	<i>current version:</i> 7.0.0	WG (prime / other):	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#29: 7.0.0			
<hr/>									
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	<i>current version:</i> Switched Data Transmission Services	7.0.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#29: 7.0.0			
<hr/>									
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	<i>current version:</i> Network (PSTN)	7.2.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-28 12/02/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	#27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0			
	smg-29 25/06/1999 7 . 1 . 1			get it					
	NP-06 15/12/1999 7 . 2 . 0			get it					
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R98	<i>current version:</i> 7.2.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND,	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	Rouzbeh	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-30 11/11/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	#29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0			
	NP-06 13/12/1999 7 . 2 . 0			get it					

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

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http://www.3gpp.org/ftp/Specs/archive/09_series

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)	7.2.0	WG (prime / other):	N4	/ -	rapporteur:	KYMALAINEN, Kimmo		
TeliaSonera AB									
	freeze_meeting: smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-29	25/06/1999	7	.	0	.	0	get it	remarks - general:
	NP-06	15/12/1999	7	.	1	.	0	get it	remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0
	NP-11	04/04/2001	7	.	2	.	0	get it	
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
R98	current version: 7.0.1		WG (prime / other):	N4	/ -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-28	12/02/1999	7	.	0	.	0	get it	remarks - general:
	ETSI Publication	12/03/1999	7	.	0	.	1	get it	remarks - this release: #28: 7.0.0
<hr/>									
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):	N4	/ -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-29	25/06/1999	7	.	0	.	0	get it	remarks - general:
									remarks - this release:
<hr/>									
TS 09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling								
R98	current version: 7.0.2		WG (prime / other):	SPA	/ N4	rapporteur:	SPORTON, Simon	VODAFONE Group Plc	
	freeze_meeting: smg-29		G: yes	U:		MCC:			
history (event, available, version,									
	SPS approval	30/06/1999	7	.	0	.	1	get it	remarks - general: EN 302 646
	ETSI publication	26/09/2000	7	.	0	.	2	get it	remarks - this release: (SPAN1)
<hr/>									
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):	N1	/ -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-29		G: yes	U:		MCC:	JORGENSEN, Per Johan		
history (event, available, version,									
	smg-28	12/02/1999	7	.	0	.	0	get it	remarks - general:
	ETSI Publication	17/08/1999	7	.	0	.	1	get it	remarks - this release:

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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): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0	get it <i>remarks - general:</i>
smg-29	25/06/1999	7	.	1	.	0	get it <i>remarks - this release:</i>
NP-05	08/10/1999	7	.	2	.	0	get it
NP-07	15/03/2000	7	.	3	.	0	get it
NP-13	02/10/2001	7	.	4	.	0	get it
NP-14	04/01/2002	7	.	5	.	0	get it

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)
R98 *current version: 7.7.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

smg-30 bis	06/12/1999	7	.	0	.	0	get it <i>remarks - general:</i>
smg-31	16/02/2000	7	.	1	.	0	get it <i>remarks - this release:</i>
smg-31b	17/04/2000	7	.	2	.	0	get it
smg-32	28/06/2000	7	.	3	.	0	get it
GP-01	11/10/2000	7	.	4	.	0	get it
ETSI publication		7	.	4	.	1	ETSI format only. Not for 3GPP use.
GP-06	18/09/2001	7	.	5	.	0	get it
GP-07	08/01/2002	7	.	6	.	0	get it
GP-10	19/07/2002	7	.	7	.	0	get it

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface				
R98	current version: 7.10.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-28 12/02/1999	7 . 0 . 0	get it	remarks - general:	
	smg-29 25/06/1999	7 . 1 . 0	get it	remarks - this release:	
	NP-05 08/10/1999	7 . 2 . 0	get it		
	NP-06 15/12/1999	7 . 3 . 0	get it		
	NP-07 15/03/2000	7 . 4 . 0	get it		
	NP-08 21/06/2000	7 . 5 . 0	get it		
	NP-09 31/10/2000	7 . 6 . 0	get it		
	NP-11 02/04/2001	7 . 7 . 0	get it		
	edito 04/07/2001	7 . 7 . 1	get it	prob with figures. Expect an update.	
	make figures visible	09/08/2001	7 . 7 . 2	get it	
	NP-13 03/10/2001	7 . 8 . 0	get it		
	NP-16 21/06/2002	7 . 9 . 0	get it		
	NP-18 07/01/2003	7 . 10 . 0	get it		

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):	N3 / -	rapporteur:	WILD, Johanna MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David
	history (event, available, version,				
	smg-28 12/02/1999	7 . 0 . 0	get it	remarks - general:	
	smg-29 25/06/1999	7 . 1 . 0	get it	remarks - this release:	
	NP-06 15/12/1999	7 . 2 . 0	get it		
	NP-11 04/04/2001	7 . 3 . 0	get it		
	NP-13 12/10/2001	7 . 4 . 0	get it		
	NP-14 14/01/2002	7 . 5 . 0	get it		
	NP-15 20/03/2002	7 . 6 . 0	get it		
	NP-16 02/07/2002	7 . 7 . 0	get it		
	NP-18 09/01/2003	7 . 8 . 0	get it		
	NP-19 27/03/2003	7 . 9 . 0	get it		
	NP-20	7 . 10 . 0	get it		

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ACTIVE specs R98 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R98	current version: 7.1.0		WG (prime / other): N2 / -	rapporteur: NOLDUS, Rogier	Telefon AB LM Ericsson				
	freeze_meeting: smg-29		G: yes U:	MCC: JURISIC, Andrijana					
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0			get it remarks - general:					
	NP-08 21/06/2000 7 . 1 . 0			get it remarks - this release:					
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R98	current version: 7.0.1		WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting: smg-28		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	NP-16 26/06/2002 7 . 0 . 0			get it remarks - general:					
	edito post NP-18 16/12/2002 7 . 0 . 1	minor editorials to change style from TS to TR.		get it remarks - this release:	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.				
<hr/>									
TR 09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles								
R98	current version: 7.3.0		WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting: GP-04		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	GP-04 20/04/2001 7 . 0 . 0			get it remarks - general:					
	GP-07 04/01/2002 7 . 1 . 0			get it remarks - this release:					
	GP-08 19/02/2002 7 . 2 . 0			get it					
	GP-12 03/01/2003 7 . 3 . 0			get it					
<hr/>									
<hr/>									
	R98	10 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/10_series					
<hr/>									
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: YOON, Sang-Ui					
	history (event, available, version,								
	smg-27 16/10/1998 7 . 1 . 0			get it remarks - general:					
				remarks - this release: #27: 7D1.0					
<hr/>									

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Server ACTIVE specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

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:* YOON, Sang-Ui
history (event, available, version,
draft 28/08/1998 2 . 0 . 1 [get it](#) *remarks - general:*
smg-27 09/02/2000 7 . 0 . 0 [get it](#) *remarks - this release:*

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:*
history (event, available, version,
smg-27 16/10/1998 0 . 0 . 1 [get it](#) *remarks - general:*
smg-28 12/02/1999 0 . 2 . 0 [get it](#) *remarks - this release:*
draft 05/02/1999 0 . 2 . 1 [get it](#)

R98 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R98 *current version:* 7.3.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 NP /
T2 /
SCP
/ G4
G: yes U: *MCC:* SALMERON, Lidia
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.
smg-31 16/02/2000 7 . 2 . 0 [get it](#)
editorial correction 16/02/2000 7 . 2 . 1 [get it](#)
GP-06 06/09/2001 7 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R98 *current version: 7.7.0* WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version,

smg-26	26/06/1998	7	.	0	.	0	get it	<i>remarks - general:</i>
smg-27	16/10/1998	7	.	1	.	0	get it	<i>remarks - this release:</i>
smg-28	12/02/1999	7	.	2	.	0	get it	
smg-29	25/06/1999	7	.	3	.	0	get it	
smg-30	11/11/1999	7	.	4	.	0	get it	
smg-31	16/02/2000	7	.	5	.	0	get it	
smg-32	28/06/2000	7	.	6	.	0	get it	
edito	24/07/2000	7	.	6	.	1	get it	
TP-14	17/01/2002	7	.	7	.	0	get it	

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): T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-11 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version,

T3-16		0	.	2	.	0		<i>remarks - general:</i>
TP-10	11/01/2001	1	.	0	.	0	get it	<i>remarks - this release:</i>
TP-11	16/05/2001	7	.	0	.	0	get it	late delivery due to very poor initial formatting
edito	08/08/2002	7	.	0	.	1	get it	7.0.0. had wrong date on cover page / header
TP-12	12/07/2001	7	.	1	.	0	get it	
TP-13	12/10/2001	7	.	2	.	0	get it	
TP-14	01/02/2002	7	.	3	.	0	get it	
TP-15	04/04/2002	7	.	4	.	0	get it	
edito post	TP-15 12/04/2002	7	.	4	.	1	get it	adds missing annex attachments
edito post	TP-17 18/09/2002	7	.	4	.	2	get it	changes reference to withdrawn ETSI TS.

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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	<i>current version: 7.7.0</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	WOODSEND, Kristian	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: smg-29</i>					
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus	
	smg-26 26/06/1998				get it	<i>remarks - general:</i>
	smg-27 16/10/1998				get it	<i>remarks - this release:</i>
	smg-28 12/02/1999				get it	
	smg-29 25/06/1999				get it	
	smg-31 16/02/2000				get it	
	smg-32 28/06/2000				get it	
	TP-09 18/10/2000				get it	
	TP-12 06/07/2001				get it	

TS 11.17	Subscriber Interface Module (SIM) test specification					
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	BREMNER, David	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: smg-29</i>					
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus	
	smg-28 12/02/1999				get it	<i>remarks - general:</i>
	ETSI Publication 14/12/1999				get it	<i>remarks - this release:</i>

TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	LINDHOLM, Rune	NOKIA MOBILE PHONES
	<i>freeze_meeting: smg-29</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998				get it	<i>remarks - general:</i>
	smg-28 12/02/1999				get it	<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>
	ETSI Publication 17/08/1999				get it	

TS 11.19	CTS SIM Fixed Part					
R98	<i>current version: 7.0.3</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	HUBBE, Pascal	ALCATEL S.A.
	<i>freeze_meeting: smg-29</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999				get it	<i>remarks - general:</i>
	ETSI Publication 05/09/2000				get it	<i>remarks - this release: #28: 7.0.0</i>

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R98 *current version: 7.4.0* WG (prime / other): G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)
GP-12 03/01/2003 7 . 3 . 0 [get it](#)
GP-13 21/02/2003 7 . 4 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version: 7.0.0* WG (prime / other): G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version,
GP-09 06/05/2002 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: GP-09 (Usai) created to fill the Release gap.

R98 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R98 *current version: 7.0.1* WG (prime / other): S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-29 NP MCC: ZOICAS, Adrian
G: yes U:

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.04 Performance data measurements

R98 *current version: 7.0.0* WG (prime / other): S5 / S1 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 NP MCC: ZOICAS, Adrian
G: yes U:

history (event, available, version,
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R98 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05 Subscriber Related Call and Event Data

R98 *current version:* 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
ETSI Publication 17/08/1999 7 . 0 . 1

WG (prime / other): S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation
G: yes U: *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 12.15 General Packet Radio Service (GPRS); GPRS Charging

R98 *current version:* 7.7.0
freeze_meeting: smg-29
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0
smg-28 12/02/1999 7 . 1 . 0
smg-29 25/06/1999 7 . 2 . 0
smg-30 11/11/1999 7 . 3 . 0
SP-06 7 . 4 . 0
SP-07 15/03/2000 7 . 5 . 0
SP-08 21/06/2000 7 . 6 . 0
SP-18 07/01/2003 7 . 7 . 0

WG (prime / other): S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
G: yes U: *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version,
GP-09 06/05/2002 7 . 0 . 0

WG (prime / other): G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
remarks - this release: GP-09 (Usai) created to fill the Release gap.

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

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Server http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1
freeze_meeting: smg-29
history (event, available, version,

draft	22/09/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	TSG#11:S5 will no longer maintain.
draft	18/10/1999	0 . 0 . 2	get it	<i>remarks - this release:</i>	Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
draft	03/12/1999	0 . 0 . 3	get it		
draft	22/12/1999	0 . 0 . 4	get it		
draft	17/01/2000	0 . 0 . 5	get it		
draft	22/05/2000	2 . 0 . 0	get it		
draft	25/05/2000	2 . 0 . 1	get it		
SP-08	21/06/2000	7 . 0 . 0	get it		
ETSI Publication	30/11/2000	7 . 0 . 1	get it		

)

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

G: yes U: *MCC:* ZOICAS, Adrian

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R97 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,

SP-20	6 . 0 . 0	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
		<i>remarks - this release:</i>	. backwards extension to earlier releases.

)

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

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Server ACTIVE specs R97 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.0.1	WG (prime / other):	S1 / GP / NP	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 12/01/2001 6 . 0 . 0	get it		remarks - general:		
	edito 16/01/2001 6 . 0 . 1	get it		remarks - this release:		
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	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 15/11/2000 6 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study					
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	GRAETZ, Ingeborg	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
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	edito 16/01/2001 6 . 0 . 1	get it		remarks - this release:		
TR 01.60	GPRS requirements					
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	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R97	current version: 6.0.1	WG (prime / other):	S3 / -	rapporteur:	WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	POPE, Maurice	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 20/03/1998 6 . 0 . 1	get it		remarks - this release:		

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 26/06/1999 6 . 2 . 0 [get it](#)

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 Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*
Editorial correction 12/02/1999 6 . 1 . 1 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 02.04 General on Supplementary Services

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 6 . 1 . 1 [get it](#)

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06	Types of Mobile Stations (MS)					
R97	current version: 6.1.1	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
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	smg-28 12/02/1999 6 . 1 . 0			get it		
	ETSI publication 04/08/1999 6 . 1 . 1			get it		

TS 02.07	Mobile Station (MS) Features					
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
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	smg-26 20/06/1998 6 . 1 . 0			get it	remarks - this release:	
	SP-07 17/03/2000 6 . 2 . 0			get it		

TS 02.09	Security aspects					
R97	current version: 6.1.1	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	Telia Promotor AB
	freeze_meeting: smg-26	G: yes U:	NP	Per	POPE, Maurice	
	history (event, available, version,			MCC:		
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
	ETSI publication 26/05/1999 6 . 0 . 1			get it	remarks - this release:	
	smg-31 16/02/2000 6 . 1 . 0			get it		
	ETSI publication 29/08/2000 6 . 1 . 1			get it		

TS 02.11	Service Accessibility					
R97	current version: 6.1.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
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	SP-11 02/04/2001 6 . 1 . 0			get it	remarks - this release:	

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
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	smg-30 11/11/1999 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-08 28/06/2000 6 . 2 . 0	get it				
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TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
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TS 02.22	Stage 1 for personalisation of GSM ME					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DURAND, Romain	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
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TS 02.24	Description of Charge Advice Information (CAI)					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>			
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TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 26/06/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-28 12/02/1999 6 . 1 . 0	get it				

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					Server	ACTIVE specs R97	02 .- series
						http://www.3gpp.org/ftp/Specs/archive/02_series	
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1						
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				
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						
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			remarks - this release:				
TS 02.40	Procedures for Call Progress Indications						
R97	current version: 6.0.0	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						
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			remarks - this release:				
TS 02.41	Operator Determined Barring						
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						
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			remarks - this release:				
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1						
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: GILES, Les	Union Internationale des Chemins de Fer			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						
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			remarks - this release:				
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1						
R97	current version: 6.0.0	WG (prime / other): T3 / S3	rapporteur: BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes U:	MCC: DIETZE, Claus				
history (event, available, version,	smg-25 20/03/1998 6 . 0 . 0						
		get it	remarks - general: SMG9->T3@#31				
			remarks - this release:				

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Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S4 / *rapporteur:* NAVARRO, William
G: yes U: *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - general: SMG11->S4 at SMG#30
remarks - this release: No spec this Release

TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1
freeze_meeting: smg-26
history (event, available, version,

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

Research In Motion Limited

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

smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
ETSI publication 01/12/1998 6 . 1 . 1
smg-28 12/02/1999 6 . 2 . 0
ETSI publication 04/08/1999 6 . 2 . 1
SP-05 14/10/1999 6 . 3 . 0
ETSI publication 28/11/2000 6 . 3 . 1

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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
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

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

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release:

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
ETSI publication 01/09/1999 6 . 0 . 1
smg-29 25/06/1999 6 . 1 . 0
Editorial correction 25/07/1999 6 . 1 . 1

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

Union Internationale des Chemins de Fer

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

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ACTIVE specs R97 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,			get it	remarks - general:	
	smg-27 06/10/1998 6 . 0 . 0			get it	remarks - this release:	
	publish EN 300 01/09/1999 6 . 0 . 1					
	925					
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TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,			get it	remarks - general:	
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	Editorial correction 16/11/1998 6 . 0 . 1					
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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	WG (prime / other):	S1 / -	rapporteur:	GRECH, Michel	Lucent Technologies Network Systems UK
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,			get it	remarks - general:	
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	smg-28 12/02/1999 6 . 2 . 0			get it		
	smg-29 25/06/1999 6 . 3 . 0			get it		
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	SP-14 14/01/2002 6 . 6 . 0			get it		
	SP-14 minor 17/01/2002 6 . 6 . 1			get it		
	correction					
<hr/>						
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	FREY, Sophie	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
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	smg-27 16/10/1998 6 . 0 . 0				remarks - this release: #27: 6.0.0	

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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	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
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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:	EVEN, Anne	France Telecom
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
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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:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
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				remarks - this release: #27: 6.0.0		
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TS 02.84	MultiParty (MPPTY) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		

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

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					Server	ACTIVE specs R97	02 .- series
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1						
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: CRAWFORD, Ian	VODAFONE Group Plc			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						
		get it	remarks - general: remarks - this release: #27: 6.0.0				
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1						
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						
		get it	remarks - general: remarks - this release: #27: 6.0.0				
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1						
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: SLOTTE, Sverre	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						
		get it	remarks - general: remarks - this release: #27: 6.0.0				
TS 02.91	Explicit Call Transfer (ECT)						
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: POSTMANN, Erwin	SIEMENS AG			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						
		get it	remarks - general: remarks - this release: #27: 6.0.0				
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1						
R97	current version: 6.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael				
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0						
	Editorial correction 20/04/1998 6 . 0 . 1						
		get it	remarks - general: remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1				

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ACTIVE specs R97 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.95	Support of Private Numbering Plan (SPNP); 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	
	history (event, available, version,					
	smg-27 15/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		

TS 02.96	Name Identification Supplementary Services; Stage 1					
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	get it		remarks - this release: #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1		

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
R97	current version: 6.1.0	WG (prime / other):	S2 / NP	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB
	freeze_meeting: smg-26	G: yes U:		MCC:	YOON, Sang-Ui	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general: SMG3->SA2 @ TSG#7		
	smg-28 12/02/1999 6 . 1 . 0	get it		remarks - this release: #27: 6.0.0 #28: 6.1.0		

TS 03.02	Network Architecture					
R97	current version: 6.1.0	WG (prime / other):	S2 / NP /	rapporteur:	SULTAN, Alain	SOURCE COM
	freeze_meeting: smg-26	G: yes U:	T2	MCC:	YOON, Sang-Ui	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release: #25: 6.0.0 #26: 6.1.0		

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.7.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
smg-29 25/06/1999 6 . 3 . 0 [get it](#)
NP-05 14/10/1999 6 . 4 . 0 [get it](#)
NP-07 17/03/2000 6 . 5 . 0 [get it](#)
NP-08 28/06/2000 6 . 6 . 0 [get it](#)
NP-16 26/06/2002 6 . 7 . 0 SA did not approve companion CRs to [get it](#)
02.16.

TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 03.07 Restoration Procedures

R97 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 6 . 2 . 0 [get it](#)

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

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08 Organization of Subscriber Data

R97 current version: 6.6.0

freeze_meeting: smg-26

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

smg-27 16/10/1998 6 . 2 . 0

smg-28 12/02/1999 6 . 3 . 0

NP-07 15/03/2000 6 . 4 . 0

NP-09 31/10/2000 6 . 5 . 0

NP-20 6 . 6 . 0

WG (prime / other): N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 03.09 Handover Procedures

R97 current version: 6.0.0

freeze_meeting: smg-26

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated

G: yes U: MCC: ROUZBEH JORGENSEN, Per Johan

[get it](#) remarks - general:

remarks - this release: #27: 6.0.0

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R97 current version: 6.0.0

freeze_meeting: smg-26

history (event, available, version,

smg-27 18/10/1998 6 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general:

remarks - this release:

TS 03.11 Technical Realization of Supplementary Services - General Aspects

R97 current version: 6.0.1

freeze_meeting: smg-26

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #27: 6.0.0

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R97	current version: 6.0.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	ZAUS, Robert	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R97	current version: 6.1.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: smg-26	G: yes U:		MCC:	Chalmers KYMALAINEN, Kimmo	
	history (event, available, version, smg-26 26/06/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0			get it	remarks - general: remarks - this release: #26: 6.0.0 SMG#29: 6.1.0	
				get it		

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

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TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-09	13/10/2000	6	.	5	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) 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

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[get it](#)

TS 03.18 Basic Call Handling

R97 current version: 6.7.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-05	13/10/1999	6	.	5	.	0
NP-07	17/03/2000	6	.	6	.	0
NP-09	04/10/2000	6	.	7	.	0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:

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TS 03.20 Security-related Network Functions

R97 current version: 6.1.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-29	25/06/1999	6	.	1	.	0

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom
Sebastien

G: yes U: MCC: POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R97	current version: 6.3.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-26	G: yes U:		MCC:	Peter Skov USAI, Paolino		
	history (event, available, version,						
	smg-26 26/06/1998						6 . 0 . 0
	smg-28 12/02/1999	get it		remarks - general:			6 . 1 . 0
	smg-29 26/06/1999	get it		remarks - this release:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode".		6 . 2 . 0
	SP-11 11/04/2001	get it					6 . 3 . 0

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R97	current version: 6.0.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-26	G: yes U:		MCC:	Peter Skov USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998	get it		remarks - general:			6 . 0 . 0
				remarks - this release:			

TR 03.30	Radio Network Planning Aspects						
R97	current version: 6.0.1	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TeliaSonera AB	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-26 26/06/1998	get it		remarks - general:			6 . 0 . 0
	Editorial update 26/07/1998	get it		remarks - this release:	#26: 6.0.0		6 . 0 . 1

TS 03.32	Universal Geographical Area Description (GAD)						
R97	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	SOURCE COM	
	freeze_meeting: smg-26	G: yes U:		MCC:	YOON, Sang-Ui		
	history (event, available, version,						
	smg-27 16/10/1998	get it		remarks - general:			6 . 0 . 0
				remarks - this release:			

TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2						
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	smg-27 16/10/1998	get it		remarks - general:			6 . 0 . 0
				remarks - this release:	#27: 6.0.0		

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TS 03.38	Alphabets and language-specific information								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	Editorial correction 20/04/1998	6 . 0 . 1		get it	<i>remarks - this release:</i> #25: 6.0.0				
<hr/>									
TS 03.40	Technical realization of the Short Message Service (SMS)								
R97	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-26 26/06/1998	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-14 11/01/2002	6 . 2 . 0		get it					
<hr/>									
TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-26 26/06/1998	6 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TS 03.42	SMS Compression								
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 03.43	Support of Videotex								
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> DI TRIA, Paolo		Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #27: 6.0.0				

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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):	T2 / -	rapporteur:	RODERMUND, Vodafone D2 GmbH	
	freeze_meeting: smg-26	G: yes U:		MCC:	Friedhelm	
	history (event, available, version,				RODERMUND, Friedhelm	
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R97	current version: 6.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David ETSI Secretariat	
	freeze_meeting: smg-26	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/10/1998 6 . 0 . 1	get it		remarks - this release:		
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David ETSI Secretariat	
	freeze_meeting: smg-26	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
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):	T2 / -	rapporteur:	RODERMUND, Vodafone D2 GmbH	
	freeze_meeting: smg-26	G: yes U:		MCC:	Friedhelm	
	history (event, available, version,				RODERMUND, Friedhelm	
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R97	current version: 6.2.0	WG (prime / other):	T3 / -	rapporteur:	BARNES, Nigel MOTOROLA Ltd	
	freeze_meeting: smg-26	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:	SMG9->T3@#31	
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release:		
	smg-28 12/02/1999 6 . 2 . 0	get it				

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http://www.3gpp.org/ftp/Specs/archive/03_series

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): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	freeze_meeting: smg-26				
	history (event, available, version,	G: yes U:	MCC: RODERMUND, Friedhelm		
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it	remarks - this release:		

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		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:		
	smg-28 12/02/1999 6 . 1 . 0	get it	remarks - this release: #27: 6.0.0 #28: 6.1.0 #32:6.2.0		
	ETSI publication 21/07/1999 6 . 1 . 1	get it			
	smg-32 20/06/2000 6 . 2 . 0	get it			
	ETSI publication 30/11/2000 6 . 2 . 1	get it			

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): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-26	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:		
			remarks - this release: #27: 6.0.0		

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		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	get it	remarks - this release: #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)		

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

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,

smg-25	20/03/1998	6 . 0 . 0	get it	<i>remarks - general:</i>
smg-26	26/06/1998	6 . 1 . 0	get it	<i>remarks - this release:</i>
edito	28/07/1998	6 . 1 . 1	get it	
smg-27	16/10/1998	6 . 2 . 0	get it	
smg-28	12/02/1999	6 . 3 . 0	get it	
ETSI Vote	13/04/1999	6 . 3 . 1	get it	
ETSI publication	21/07/1999	6 . 3 . 2	get it	
smg-29	25/06/1999	6 . 4 . 0	get it	
ETSI publication	29/12/1999	6 . 4 . 1	get it	
SP-05	13/10/1999	6 . 5 . 0	get it	
SP-06	17/12/1999	6 . 6 . 0	get it	
ETSI publication	07/07/2000	6 . 6 . 1	get it	
SP-07	17/03/2000	6 . 7 . 0	get it	
ETSI publication	22/09/2000	6 . 7 . 1	get it	
SP-11	19/04/2001	6 . 8 . 0	get it	
SP-12	16/08/2001	6 . 9 . 0	get it	
SP-14	08/01/2002	6 . 10 . 0	get it	
edito	29/07/2002	6 . 10 . 1	get it	
SP-17	02/10/2002	6 . 11 . 0	get it	

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-27	16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

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		
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 0 . 1	get it	remarks - this release:	
smg-27	16/10/1998	6 . 1 . 0	get it		
ETSI OAP	27/05/2000	6 . 1 . 1	get it		
smg-28	12/02/1999	6 . 2 . 0	get it		
smg-29	25/06/1999	6 . 3 . 0	get it		
smg-30	11/11/1999	6 . 4 . 0	get it		

TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2				
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
history (event, available, version,					
smg-27	16/10/1998	6 . 0 . 0	get it	remarks - general:	
NP-07	17/03/2000	6 . 1 . 0	get it	remarks - this release:	

TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0	
smg post SP-07	30/10/1998	6 . 2 . 0	get it		
NP-09	12/10/2000	6 . 3 . 0	get it		

TS 03.69	Voice Broadcast service (VBS); Stage 2				
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0	
smg post SP-07	30/03/2000	6 . 2 . 0	get it		
NP-09	12/10/2000	6 . 3 . 0	get it		

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

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97 current version: 6.0.0

freeze_meeting: smg-26

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".
remarks - this release: #27: 6.0.0

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 current version: 6.11.1

freeze_meeting: smg-26

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

ETSI publication 27/08/1998 6 . 1 . 1

smg-27 16/10/1998 6 . 2 . 0

smg-28 12/02/1999 6 . 3 . 0

smg-29 25/06/1999 6 . 4 . 0

NP-05 13/10/1999 6 . 5 . 0

NP-07 17/03/2000 6 . 6 . 0

NP-08 23/06/2000 6 . 7 . 0

NP-10 04/01/2001 6 . 8 . 0

NP-12 29/06/2001 6 . 9 . 0

edito 02/07/2001 6 . 9 . 1

NP-14 04/01/2002 6 . 10 . 0

NP-16 17/06/2002 6 . 11 . 0

Editorial correction 21/08/2002 6 . 11 . 1
to SDLs

WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.

G: yes U: MCC: JURISIC, Andrijana

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

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TS 03.79 Support of Optimal Routing phase 1; Stage 2

R97 current version: 6.3.0

freeze_meeting: smg-26

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

smg-29 25/06/1999 6 . 1 . 0

NP-05 13/10/1999 6 . 2 . 0

NP-07 17/03/2000 6 . 3 . 0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers

KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0

[get it](#)

[get it](#)

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				get it	remarks - general: remarks - this release: #27: 6.0.0
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0				get it get it	remarks - general: remarks - this release: #27: 6.0.0 #29: 6.1.0
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				get it	remarks - general: remarks - this release: #27: 6.0.0
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				get it	remarks - general: remarks - this release: #27: 6.0.0
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0				get it	remarks - general: remarks - this release:

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

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil	mmO2 plc
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R97	current version: 6.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0		
	smg-27 16/10/1998 6 . 2 . 0	get it				

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

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

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 MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.04 Layer 1 - General Requirements

R97
current version: 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0

WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
remarks - this release:

TS 04.05 Data Link (DL) Layer General Aspects

R97
current version: 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
[get it](#) remarks - this release:

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
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
ETSI publication 01/09/1999 6 . 0 . 1
smg-29 25/06/1999 6 . 1 . 0
ETSI publication 14/12/1999 6 . 1 . 1
smg-31 16/02/2000 6 . 2 . 0
ETSI publication 29/09/2000 6 . 2 . 1

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 current version: 6.5.1
freeze_meeting: smg-26

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
ETSI publication 04/12/1998 6 . 2 . 1
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
Editorial correction 13/11/1999 6 . 5 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.20.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	6 . 0 . 0	
smg-26 26/06/1998	6 . 1 . 0	get it
edito 08/09/1998	6 . 1 . 1	get it
smg-27 16/10/1998	6 . 2 . 0	get it
ETSI publication 13/04/1999	6 . 2 . 1	get it
smg-28 12/02/1999	6 . 3 . 0	get it
ETSI publication 25/08/1999	6 . 3 . 1	get it
smg-29 25/06/1999	6 . 4 . 0	get it
edito 23/07/1999	6 . 4 . 1	get it
ETSI OAP 11/08/1999	6 . 4 . 2	get it
ETSI publication 29/12/1999	6 . 4 . 3	get it
NP-05 08/10/1999	6 . 5 . 0	get it
smg-30 bis 06/12/1999	6 . 6 . 0	get it
NP-06 15/12/1999	6 . 7 . 0	get it
ETSI publication 05/07/2000	6 . 7 . 1	get it
smg-31 16/02/2000	6 . 8 . 0	get it
NP-07 15/03/2000	6 . 9 . 0	get it
ETSI publication 29/09/2000	6 . 9 . 1	get it
smg-31 bis 17/04/2000	6 . 10 . 0	get it
smg-32 21/06/2000	6 . 11 . 0	get it
GP-01/NP-09 12/10/2000	6 . 12 . 0	get it
edito 02/11/2000	6 . 12 . 1	get it
NP-10 02/01/2001	6 . 13 . 0	get it
GP-04 / NP-11 11/04/2001	6 . 14 . 0	get it
NP-12 05/07/2001	6 . 15 . 0	get it
GP-07 04/01/2002	6 . 16 . 0	get it
NP-14 07/01/2002	6 . 17 . 0	get it
GP-08 19/02/2002	6 . 18 . 0	get it
NP-17 17/09/2002	6 . 19 . 0	get it
NP-18 18/12/2002	6 . 20 . 0	get it

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: Thomasen (even numbered CRs!)

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

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> smg-26			Peter Skov					
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	smg-25 20/03/1998 6 . 0 . 0								
	Editorial correction 20/04/1998 6 . 0 . 1								
				get it <i>remarks - general:</i>					
				get it <i>remarks - this release:</i>					
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation				
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 6 . 0 . 0								
	Editorial correction 20/04/1998 6 . 0 . 1								
	NP-09 12/10/2000 6 . 1 . 0								
				get it <i>remarks - general:</i>					
				get it <i>remarks - this release:</i>					
				get it					
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> smg-26			Peter Skov					
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert					
	smg-27 16/10/1998 6 . 0 . 0								
	Editorial correction 16/11/1998 6 . 0 . 1								
				get it <i>remarks - general:</i>					
				get it <i>remarks - this release: #27: 6.0.0</i>					
<hr/>									
TS 04.13	Performance Requirements on Mobile Radio Interface								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc				
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998 6 . 0 . 0								
	Editorial correction 16/10/1998 6 . 0 . 1								
				get it <i>remarks - general:</i>					
				get it <i>remarks - this release: #27: 6.0.0</i>					

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

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R97	<i>current version:</i> 6.3.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew		MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert					
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-30 11/11/1999	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-32 28/06/2000	6 . 2 . 0		get it					
	GP-10 19/07/2002	6 . 3 . 0		get it					
	post GP-10 edito 23/07/2002	6 . 3 . 1	Misplaced figure, clause 5.3.1.	get it					

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation			
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-08 23/06/2000	6 . 1 . 0		get it	<i>remarks - this release: #27: 6.0.0 TSG#8:6.1.0</i>				

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	<i>current version:</i> Switching Centre (BSS - MSC) interface	6.2.0	<i>WG (prime / other):</i> N3	<i>rapporteur:</i> KLEHN, Norbert					
	SIEMENS AG								
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-27 16/10/1998	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-06 17/12/1999	6 . 2 . 0		get it					

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

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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:* BLACK, Jyoti MOTOROLA

freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,

draft	20/12/1997	0 . 0 . 0	get it	<i>remarks - general:</i>
draft	20/03/1998	1 . 0 . 0	get it	<i>remarks - this release:</i>
draft	20/03/1998	2 . 0 . 0	get it	
smg-25	20/03/1998	6 . 0 . 0	get it	
smg-26	26/06/1998	6 . 1 . 0	get it	
smg-27	16/10/1998	6 . 2 . 0	get it	
smg-28	12/02/1999	6 . 3 . 0	get it	
ETSI publication	14/06/1999	6 . 3 . 1	get it	
smg-29	25/06/1999	6 . 4 . 0	get it	
ETSI publication	16/12/1999	6 . 4 . 1	get it	
smg-30	11/11/1999	6 . 5 . 0	get it	
smg-30 bis	06/12/1999	6 . 6 . 0	get it	
ETSI publication	05/07/2000	6 . 6 . 1	get it	
smg-31	16/02/2000	6 . 7 . 0	get it	
ETSI publication	29/09/2000	6 . 7 . 1	get it	
smg-31 bis	17/04/2000	6 . 8 . 0	get it	
ETSI publication	17/10/2000	6 . 8 . 1	get it	
smg-32	20/06/2000	6 . 9 . 0	get it	
GP-01	11/10/2000	6 . 10 . 0	get it	
GP-02	27/11/2000	6 . 11 . 0	get it	
GP-03	31/01/2001	6 . 12 . 0	get it	
GP-04	04/05/2001	6 . 13 . 0	get it	
GP-10	19/07/2002	6 . 14 . 0	get it	

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND

freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-27	16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i>

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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):	N1 / -	rapporteur:	DOIG, Ian MOTOROLA S.A.S
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release:	
smg-27	16/10/1998	6 . 2 . 0	get it		
smg-28	12/02/1999	6 . 3 . 0	get it		
smg-29	25/06/1999	6 . 4 . 0	get it		
smg-30	11/11/1999	6 . 5 . 0	get it		
NP-06	17/12/1999	6 . 6 . 0	get it		
smg-31	16/02/2000	6 . 7 . 0	get it		
NP-10	02/01/2001	6 . 8 . 0	get it		
NP-13	02/10/2001	6 . 9 . 0	get it		
NP-14	04/01/2002	6 . 10 . 0	get it		

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)				
R97	current version: 6.7.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian MOTOROLA S.A.S
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release:	
smg-27	16/10/1998	6 . 2 . 0	get it		
smg-28	12/02/1999	6 . 3 . 0	get it		
smg-29	25/06/1999	6 . 4 . 0	get it		
smg-30	11/11/1999	6 . 5 . 0	get it		
NP-06	17/12/1999	6 . 6 . 0	get it		
smg-31	16/02/2000	6 . 7 . 0	get it		

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-27	16/10/1998	6 . 0 . 0	get it	remarks - general:	
Editorial correction	16/11/1998	6 . 0 . 1	get it	remarks - this release:	#27: 6.0.0

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TS 04.68	Group Call Control (GCC) Protocol						
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	smg-27 16/10/1998			get it	remarks - general:		
	smg-29 25/06/1998			get it	remarks - this release:		
	smg-30 11/11/1999			get it			
	NP-07 17/03/2000			get it			

TS 04.69	Broadcast Call Control (BCC) protocol						
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	smg-27 16/10/1998			get it	remarks - general:		
	smg-29 25/06/1999			get it	remarks - this release:		
	smg-30 11/11/1999			get it			
	NP-07 17/03/2000			get it			

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding						
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	smg-25 20/03/1998			get it	remarks - general:		
	smg-26 26/06/1998			get it	remarks - this release:		
	smg-28 12/02/1999			get it			

TS 04.81	Line Identification Supplementary Services; Stage 3						
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	smg-27 16/10/1998			get it	remarks - general:		
	Editorial correction 16/11/1998			get it	remarks - this release: #27: 6.0.0		

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TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.84	Multi Party (MPY) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		

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TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	get it		remarks - this release: #25: 6.0.0		
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	<to be defined> 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3					
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release: #25: 6.0.0 #26: 6.1.0 #28:6.1.1		
	smg-28 12/02/1999 6 . 1 . 1	get it				
<hr/>						
TS 04.96	Name Identification Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	get it		remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)		

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

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TS 05.01 Physical Layer on the Radio Path (General Description)

R97 *current version:* 6.1.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 20/04/1998 6 . 1 . 1 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R97 *current version:* 6.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-26 26/06/1998 6 . 2 . 0 [get it](#)
smg-27 16/10/1998 6 . 3 . 0 [get it](#)
ETSI publication 09/03/1999 6 . 3 . 1 [get it](#)
smg-28 12/02/1999 6 . 4 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 4 . 1 [get it](#)
smg-29 25/06/1999 6 . 5 . 0 [get it](#)
smg-30 11/11/1999 6 . 6 . 0 [get it](#)
smg-30 bis 06/12/1999 6 . 7 . 0 [get it](#)
ETSI publication 17/07/2000 6 . 7 . 1 [get it](#)
smg-31 16/02/2000 6 . 8 . 0 [get it](#)
ETSI publication 29/09/2000 6 . 8 . 1 [get it](#)
smg-31 bis 17/04/2000 6 . 9 . 0 [get it](#)
ETSI publication 17/10/2000 6 . 9 . 1 [get it](#)
edito 02/05/2001 6 . 9 . 2 [get it](#)
GP-06 01/10/2001 6 . 10 . 0 [get it](#)

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TS 05.03 Channel coding

R97 current version: 6.2.1

freeze_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-28 12/02/1999 6 . 2 . 0

ETSI Publication 12/03/1999 6 . 2 . 1

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

[get it](#)

[get it](#)

TS 05.04 Modulation

R97 current version: 6.1.1

freeze_meeting: smg-26

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

ETSI publication 09/02/1999 6 . 0 . 1

smg-30 bis 06/12/1999 6 . 1 . 0

ETSI publication 20/06/2000 6 . 1 . 1

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

TS 05.05 Radio Transmission and Reception

R97 current version: 6.8.0

freeze_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-26 26/06/1998 6 . 2 . 0

smg-27 16/10/1998 6 . 3 . 0

ETSI publication 09/03/1999 6 . 3 . 1

smg-28 12/02/1999 6 . 4 . 0

ETSI publication 04/06/1999 6 . 4 . 1

smg-29 25/06/1999 6 . 5 . 0

ETSI publication 14/12/1999 6 . 5 . 1

smg-30 11/11/1999 6 . 6 . 0

smg-31 16/02/2000 6 . 7 . 0

ETSI publication 29/09/2000 6 . 7 . 1

GP-01 09/10/2000 6 . 8 . 0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:

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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

VODAFONE Group Plc

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
edito	20/03/1998	6	.	1	.	1
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	04/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
smg-30 bis	06/12/1999	6	.	7	.	0
edito	01/02/2000	6	.	7	.	1
smg-31 bis	17/04/2000	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	10/10/2000	6	.	9	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0

freeze_meeting: smg-26

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	14/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
ETSI publication	29/05/2001	6	.	6	.	1
GP-02	24/11/2000	6	.	7	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14	Release independent frequency bands; Implementation guidelines					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-02 05/01/2001 6 . 0 . 0	get it	<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.			
	GP-05 03/01/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.			
Changed from G2 to G1 at same time.						
	GP-10 19/07/2002 6 . 2 . 0	get it				R97 record created at same time (originally was only R99 and R98).
<hr/>						
TR 05.22	Radio link management in hierarchical networks					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #27: 6.0.0			
<hr/>						
TR 05.50	Background for RF Requirements					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-24 19/12/1997 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-31 16/02/2000 6 . 1 . 0	get it	<i>remarks - this release:</i> #24: 6.0.0 #31:6.1.0			
<hr/>						
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 10/04/2001 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 12/11/2001 6 . 0 . 1	get it	<i>remarks - this release:</i> #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.			

R97

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions								
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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release:					
<hr/>									
TS 06.02	Half Rate Speech Processing Functions								
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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0					
<hr/>									
TS 06.06	Half Rate Speech: ANSI-C Code 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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0					
<hr/>									
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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0					
<hr/>									
TR 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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
				remarks - this release: #27: 6.0.0					

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	smg-32 20/06/2000 6 . 1 . 0	get it		remarks - this release:		
	ETSI Publication 30/11/2000 6 . 1 . 1	get it				
	SP-12 29/06/2001 6 . 2 . 0	get it				
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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
	SP-12 29/06/2001 6 . 1 . 0	get it				
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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
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				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
TS 06.32	Voice Activity Detection (VAD)								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
TS 06.41	Discontinuous Transmission (DTX) for Half 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				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI publication 04/06/1999 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0		
	smg-32 20/06/2000 6 . 1 . 0	get it				
	ETSI publication 30/11/2000 6 . 1 . 1	get it				
	SP-10 20/12/2000 6 . 2 . 0	get it				

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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release:		

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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI publication 01/09/1999 6 . 0 . 1	get it		remarks - this release:		
	smg-32 20/06/2000 6 . 1 . 0	get it				
	SP-10 20/12/2000 6 . 2 . 0	get it				

TR 06.55	Performance characterisation of the GSM EFR 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	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding								
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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0					
TS 06.61	Substitution and muting of lost frames 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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0					
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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 04/06/1999 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0					
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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	smg-30 11/11/1999 6 . 1 . 0	get it		remarks - this release: #27: 6.0.0 #30: 6.1.0					
	ETSI Publication 09/05/2000 6 . 1 . 1	get it							
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				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:					
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0					

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

R97 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R97 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

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Server ACTIVE specs R97 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

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):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-29 25/06/1999 6 . 3 . 0 [get it](#)
TP-05 08/10/1999 6 . 4 . 0 [get it](#)
TP-11 06/04/2001 6 . 5 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-24 19/01/1998 2 . 0 . 0 [get it](#) *remarks - general:*
draft 10/03/1998 2 . 2 . 0 [get it](#) *remarks - this release:*
smg-25 20/03/1998 6 . 0 . 0 [get it](#)
smg-26 26/06/1998 6 . 1 . 0 [get it](#)
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-28 12/02/1999 6 . 3 . 0 [get it](#)
TP-05 08/10/1999 6 . 4 . 0 [get it](#)
TP-15 26/03/2002 6 . 5 . 0 [get it](#)

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

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ACTIVE specs R97 07 .- series
Server http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R97 *current version:* 6.5.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *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
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-29 25/06/1999 6 . 3 . 0 [get it](#)
NP-05 08/10/1999 6 . 4 . 0 [get it](#)
NP-06 15/12/1999 6 . 5 . 0 [get it](#)

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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 Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
<hr/>					
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 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
<hr/>					
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
R97	current version: 6.5.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-31 bis 17/04/2000 6 . 5 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
<hr/>					
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 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-26 26/06/1998	6 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-28 12/02/1999	6 . 2 . 0	get it		
	smg-29 25/06/1999	6 . 3 . 0	get it		

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R97	<i>current version:</i> 6.8.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> smg-26		<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-26 26/06/1998	6 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-27 16/10/1998	6 . 2 . 0	get it		
	smg-28 12/02/1999	6 . 3 . 0	get it		
	smg-29 25/06/1999	6 . 4 . 0	get it		
	smg-30 11/11/1999	6 . 5 . 0	get it		
	smg-31 16/02/2000	6 . 7 . 0	get it		
	ETSI Publication 16/03/2000	6 . 7 . 1	get it		
	GP-05 18/06/2001	6 . 8 . 0	get it		

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26		<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-11 04/04/2001	6 . 1 . 0	get it	<i>remarks - this release:</i>	

TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
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 Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
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 Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification					
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 2 . 0 smg-30 11/11/1999 6 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0			
		get it				
		get it				
		get it				

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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 MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

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 MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 18/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 18/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R97 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R97 current version: 6.13.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
edito	09/09/1998	6	.	1	.	1
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-05	08/10/1999	6	.	5	.	0
NP-06	15/12/1999	6	.	6	.	0
NP-07	15/03/2000	6	.	7	.	0
NP-08	21/06/2000	6	.	8	.	0
NP-09	08/11/2000	6	.	9	.	0
NP-10	21/12/2000	6	.	10	.	0
NP-11	06/04/2001	6	.	11	.	0
NP-15	04/04/2002	6	.	12	.	0
NP-19	07/04/2003	6	.	13	.	0

WG (prime / other): N4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general: CN->N4 Apr00 (JMM)

[get it](#) remarks - this release:

[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

R97 current version: Network (PLMN)

6.0.0

WG (prime / other):

N3

/-

rapporteur:

BOSWARTHICK, David

ETSI Secretariat

freeze_meeting: smg-26

G: yes U:

MCC: BOSWARTHICK, David

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #27: 6.0.0

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): N3 / -

rapporteur: BOSWARTHICK, David

ETSI Secretariat

freeze_meeting: smg-26

G: yes U:

MCC: BOSWARTHICK, David

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #27: 6.0.0

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

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			
<hr/>									
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):	N3	/-	rapporteur:	BOSWARTHICK, David		
ETSI Secretariat									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			
<hr/>									
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):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:				
	smg-29 25/06/1999 6 . 1 . 0			get it	remarks - this release:	#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0			
	NP-06 15/12/1999 6 . 2 . 0			get it					
<hr/>									
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):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-26	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:				
					remarks - this release:	#27: 6.0.0			

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

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)	6.2.0	WG (prime / other):	N4	/ -	rapporteur:	KYMALAINEN, Kimmo		
	TeliaSonera AB								
	freeze_meeting: smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	smg-25 20/03/1998	6 . 0 . 0				get it	remarks - general:		
	smg-29 25/06/1999	6 . 1 . 0				get it	remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0		
	NP-11 04/04/2001	6 . 2 . 0				get it			

TS 09.11	Signalling Interworking for Supplementary Services								
R97	current version: 6.0.0		WG (prime / other):	N4	/ -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	smg-26 26/06/1998	6 . 0 . 0				get it	remarks - general:		
							remarks - this release: #26: 6.0.0		

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):	N4	/ -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0				get it	remarks - general:		
							remarks - this release:		

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):	N1	/ -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-26		G: yes	U:		MCC:	JORGENSEN, Per Johan		
	history (event, available, version,								
	smg-25 20/03/1998	6 . 0 . 0				get it	remarks - general:		
	smg-28 12/02/1999	6 . 1 . 0				get it	remarks - this release:		

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

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):	N1 / -	rapporteur:	MILLS, Duncan VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-25	20/02/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release:	
smg-27	16/10/1998	6 . 2 . 0	get it		
smg-28	12/02/1999	6 . 3 . 0	get it		
smg-29	25/06/1999	6 . 4 . 0	get it		
NP-05	08/10/1999	6 . 5 . 0	get it		
NP-07	15/03/2000	6 . 6 . 0	get it		
NP-14	04/01/2002	6 . 7 . 0	get it		

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):	N4 / -	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	
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smg-28	12/02/1999	6 . 3 . 0	get it		
smg-29	25/06/1999	6 . 4 . 0	get it		
ETSI publication	03/11/1999	6 . 4 . 1	get it		
NP-05	08/10/1999	6 . 5 . 0	get it		
NP-06	15/12/1999	6 . 6 . 0	get it		
ETSI publication	05/07/2000	6 . 6 . 1	get it		
NP-07	15/03/2000	6 . 7 . 0	get it		
ETSI publication		6 . 7 . 1			
NP-08	21/06/2000	6 . 8 . 0	get it		
ETSI publication		6 . 8 . 1			
NP-09	31/10/2000	6 . 9 . 0	get it		
NP-11	20/04/2001	6 . 10 . 0	get it		
make figures visible	09/08/2001	6 . 10 . 1	get it		
NP-13	03/10/2001	6 . 11 . 0	get it		
NP-16	21/06/2002	6 . 12 . 0	get it		
NP-18	07/01/2003	6 . 13 . 0	get it		

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)								
R97	<i>current version:</i> 6.10.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> WILD, Johanna		MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it				<i>remarks - general:</i>	
	smg-26	6 . 1 . 0	not issued, w/proc compatibility probs					<i>remarks - this release:</i>	
	smg-26 ((6.1.0 26/06/1998	6 . 2 . 0		get it					
	withdrawn due to WORD com								
	smg-27 16/10/1998	6 . 3 . 0		get it					
	smg-30 11/11/1999	6 . 4 . 0		get it					
	NP-13 12/10/2001	6 . 5 . 0		get it					
	NP-14 14/01/2002	6 . 6 . 0		get it					
	NP-15 20/03/2002	6 . 7 . 0		get it					
	NP-16 02/07/2002	6 . 8 . 0		get it					
	NP-18 09/01/2003	6 . 9 . 0		get it					
	NP-19 27/03/2003	6 . 10 . 0		get it					
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R97	<i>current version:</i> 6.5.0		<i>WG (prime / other):</i> N2 / -		<i>rapporteur:</i> NOLDUS, Rogier		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it				<i>remarks - general:</i>	
	smg-26 26/06/1998	6 . 1 . 0		get it				<i>remarks - this release:</i>	
	smg-27 16/10/1998	6 . 2 . 0		get it					
	smg-28 12/02/1999	6 . 3 . 0		get it					
	smg-29 25/06/1999	6 . 4 . 0		get it					
	NP-08 21/06/2000	6 . 5 . 0		get it					
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R97	<i>current version:</i> 6.1.1		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-24		<i>G: yes U:</i>		<i>MCC:</i> Peter Skov JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-27	6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16					<i>remarks - general:</i>	
	NP-16 26/06/2002	6 . 1 . 0		get it				<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	
	edito post NP-18 16/12/2002	6 . 1 . 1	minor editorials to change style from TS to TR.	get it					

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

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ACTIVE specs R97 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles

R97 *current version:* 6.3.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-04 20/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*
GP-07 04/01/2002 6 . 1 . 0 [get it](#) *remarks - this release:*
GP-08 19/02/2002 6 . 2 . 0 [get it](#)
GP-12 03/01/2003 6 . 3 . 0 [get it](#)

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:*
NP-05 08/10/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

3GPP specification status

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R97 *current version:* 6.4.0 *WG (prime / other):* G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.
smg-30 11/11/1999 6 . 2 . 0 [get it](#)
smg-31 16/02/2000 6 . 3 . 0 [get it](#)
Editorial correction 16/02/2000 6 . 3 . 1 [get it](#)
GP-06 06/09/2001 6 . 4 . 0 [get it](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 G: yes U: MCC: DIETZE, Claus

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #32:frozen
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
smg-32 16/03/2000 6 . 3 . 0 [get it](#)
smg-31 16/02/2000 6 . 3 . 0 [get it](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 G: yes U: MCC: DIETZE, Claus

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #32:frozen
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
smg-32 16/03/2000 6 . 3 . 0 [get it](#)
smg-31 16/02/2000 6 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

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):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: smg-26 One
G: yes *U:* *MCC:* DIETZE, Claus
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* (smg-31:6.4.0 but CR later withdrawn)
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-28 12/02/1999 6 . 3 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters
R97 *current version:* 6.0.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-09 06/05/2002 6 . 0 . 0 [get it](#) *remarks - general:*
edito (correction 18/06/2002 6 . 0 . 1 [get it](#) *remarks - this release:* GP-09 (Usai) created to fill the Release gap.
of version on

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

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ACTIVE specs R97 12 .- series
Server http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.11	Fault management of the Base Station System (BSS)					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / S1 / GP	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-27 16/10/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-28 12/02/1999 6 . 2 . 0	get it				
	smg-29 25/06/1999 6 . 3 . 0	get it				
<hr/>						
TS 12.15	General Packet Radio Service (GPRS); GPRS Charging					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-28 12/02/1999 6 . 2 . 0	get it	<i>remarks - this release:</i>			
	SP-18 07/01/2003 6 . 3 . 0	get it				
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G3 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 06/05/2002 6 . 0 . 0	get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.			
			<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.			

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01 .- series

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ACTIVE specs R96 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-20	5 . 0 . 0						<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
								<i>remarks - this release:</i>	. backwards extension to earlier releases.
<hr/>									
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / GP /	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	<i>freeze_meeting:</i> smg-22		NP	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>	G: yes	U:						
	smg-17 02/02/1996	5 . 0 . 0		get it				<i>remarks - general:</i>	
								<i>remarks - this release:</i>	
<hr/>									
TR 01.04	Abbreviations and acronyms								
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5 . 0 . 0		get it				<i>remarks - general:</i>	
	smg-20 11/10/1996	5 . 0 . 1		get it				<i>remarks - this release:</i>	
	ETSI publication 30/10/2001	5 . 0 . 2		get it					
<hr/>									
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study								
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	GRAETZ, Ingeborg	SIEMENS AG			
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-19 28/06/1996	5 . 0 . 0		get it				<i>remarks - general:</i>	
	smg-20 11/11/1996	5 . 0 . 1		get it				<i>remarks - this release:</i>	

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02 .- series

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

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
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
smg-24 19/12/1997 5 . 3 . 0 [get it](#)
smg-26 26/06/1998 5 . 4 . 0 [get it](#)
smg-29 25/06/1999 5 . 5 . 0 [get it](#)

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 Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
ETSI publication 02/05/1997 5 . 2 . 1 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)
ETSI publication 31/12/1997 5 . 3 . 2 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-17 02/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
ETSI publication 02/05/1997 5 . 1 . 2 [get it](#)
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 2 . 1 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)
ETSI publication 14/01/1998 5 . 3 . 2 [get it](#)

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04 General on Supplementary Services

R96 *current version:* 5.7.4

freeze_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	14/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	02/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
ETSI publication	28/08/1997	5	.	5	.	1
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	1
ETSI publication	27/02/1998	5	.	6	.	2
smg-23	17/10/1997	5	.	7	.	0
smg-25	20/03/1998	5	.	7	.	1
ETSI publication	01/02/1998	5	.	7	.	2
smg-29	25/06/1999	5	.	7	.	3
ETSI publication	29/12/1999	5	.	7	.	4

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul

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

Research In Motion Limited

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1

freeze_meeting: smg-22

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
ETSI publication	26/08/1997	5	.	1	.	1
smg-28	12/02/1999	5	.	2	.	0
ETSI publication	04/08/1999	5	.	2	.	1

WG (prime / other): S1 / - *rapporteur:* JEAL, David

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

VODAFONE Group Plc

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
ETSI publication 02/05/1997 5 . 2 . 1 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)
ETSI publication 31/12/1997 5 . 3 . 2 [get it](#)
smg-24 19/12/1997 5 . 4 . 0 [get it](#)
ETSI publication 17/06/1998 5 . 4 . 1 [get it](#)

TS 02.09 Security aspects

R96 *current version:* 5.2.1 *WG (prime / other):* S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* POPE, Maurice
NP

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
edito 08/12/1997 5 . 1 . 1 [get it](#)
smg-31 16/02/2000 5 . 2 . 0 [get it](#)
ETSI publication 29/08/2000 5 . 2 . 1 [get it](#)

TS 02.11 Service Accessibility

R96 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

smg-30 11/11/1999 5 . 1 . 0

SP-08 23/06/2000 5 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R96 *current version:* 5.1.1

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

smg-27 16/10/1998 5 . 1 . 0

ETSI publication 08/04/1999 5 . 1 . 1

WG (prime / other): T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD

G: yes U: *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0

freeze_meeting: smg-22

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0

smg-19 28/06/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 2 . 0

smg-23 17/10/1997 5 . 3 . 0

smg-25 20/03/1998 5 . 3 . 1

smg-26 26/06/1998 5 . 4 . 0

WG (prime / other): S1 / *rapporteur:* DURAND, Romain ALCATEL S.A.

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

WG (prime / other): S1 / *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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

3GPP specification status

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 12/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 3 . 1
ETSI publication 02/05/1997 5 . 3 . 2
smg-21 14/02/1997 5 . 4 . 0
ETSI publication 26/08/1997 5 . 4 . 1
smg-22 13/06/1997 5 . 5 . 0
ETSI OAP 19/09/1997 5 . 5 . 1
ETSI publication 27/02/1998 5 . 5 . 2
smg-23 17/10/1997 5 . 6 . 0
edito 06/01/1998 5 . 6 . 1
smg-24 19/12/1997 5 . 6 . 2
smg-28 12/02/1999 5 . 7 . 0
ETSI publication 04/08/1999 5 . 7 . 1

WG (prime / other): S1 / rapporteur: JEAL, David VODAFONE Group Plc
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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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
history (event, available, version,
draft 31/10/1995 0 . 0 . 0
draft 13/02/1996 0 . 1 . 0
draft 19/06/1996 0 . 2 . 0
draft 13/02/1996 0 . 5 . 0
smg-20 09/10/1996 5 . 0 . 0
ETSI publication 28/11/1996 5 . 0 . 1
smg-21 14/02/1997 5 . 1 . 0
smg-22 13/06/1997 5 . 2 . 0
ETSI publication 04/08/1997 5 . 2 . 1

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

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications								
R96	current version: 5.0.0	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:				
					remarks - this release:				
<hr/>									
TS 02.41	Operator Determined Barring								
R96	current version: 5.1.1	WG (prime / other):	S1 /	rapporteur:	...,	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-16 20/10/1995 5 . 0 . 0			get it	remarks - general:				
	smg-21 14/02/1997 5 . 1 . 0			get it	remarks - this release:				
	smg-24 19/12/1997 5 . 1 . 1			get it					
<hr/>									
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1								
R96	current version: 5.1.0	WG (prime / other):	S1 /	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer			
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-19 28/06/1996 5 . 0 . 0			get it	remarks - general:				
	edito 08/10/1996 5 . 0 . 1			get it	remarks - this release:				
	smg-24 19/12/1997 5 . 1 . 0			get it					
<hr/>									
TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1								
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-19 28/06/1996 5 . 0 . 0			get it	remarks - general:				
					remarks - this release:				

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

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

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:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#)
ETSI publication 03/06/1997 5 . 0 . 3 [get it](#)
smg-22 13/06/1997 5 . 0 . 4 [get it](#)
edito 05/12/1997 5 . 0 . 5 [get it](#)
smg-29 25/06/1999 5 . 1 . 0 [get it](#)
ETSI publication 29/12/1999 5 . 1 . 1 [get it](#)

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-21 14/02/1997 5 . 1 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 3 [get it](#)
smg-26 26/06/1998 5 . 2 . 0 [get it](#)
publish ETS 300 01/12/1998 5 . 2 . 1 [get it](#)
925

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *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
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-21 14/02/1997 5 . 1 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 3 [get it](#)
smg-26 26/06/1998 5 . 2 . 0 [get it](#)
ETSI publication 01/12/1998 5 . 2 . 1 [get it](#)

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

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
smg-19	28/06/1996	5 . 0 . 0	get it	<i>remarks - general:</i>	
smg-20	11/10/1996	5 . 1 . 0	get it	<i>remarks - this release:</i>	
smg-21	14/02/1997	5 . 1 . 1	get it		
smg-22	13/06/1997	5 . 2 . 0	get it		
smg-23	17/10/1997	5 . 3 . 0	get it		
smg-24	19/12/1997	5 . 4 . 0	get it		
smg-26	26/06/1998	5 . 5 . 0	get it		
smg-28	12/02/1999	5 . 6 . 0	get it		

TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> FREY, Sophie	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
smg-19	28/06/1996	5 . 0 . 0	get it	<i>remarks - general:</i>	
smg-20	11/10/1996	5 . 1 . 0	get it	<i>remarks - this release:</i> #19: 5.0.0 #20: 5.1.0 #28: 5.2.0	
smg-28	12/02/1999	5 . 2 . 0	get it		

TS 02.81	Line Identification Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
smg-20	11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>	
smg-24	19/12/1997	5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0	

TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
smg-16	20/10/1995	5 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> #16: 5.0.0	

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

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http://www.3gpp.org/ftp/Specs/archive/02_series

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:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.84	MultiParty (MPY) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		

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

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ACTIVE specs R96 02 .- series
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TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 *current version:* 5.1.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-21 14/02/1997 5 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0

TS 02.91 Explicit Call Transfer (ECT)

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1996 5 . 0 . 0
smg-17 02/02/1996 5 . 0 . 1
smg-19 28/06/1996 5 . 1 . 0
smg-21 14/02/1997 5 . 1 . 1

WG (prime / other): S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1
[get it](#)
[get it](#)

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 *current version:* 5.2.0
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0
smg-19 28/06/1996 5 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.1.0 #19: 5.2.0
[get it](#)

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R96 *current version:* 5.1.0
freeze_meeting: smg-22
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* YOON, Sang-Ui
[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
[get it](#) *remarks - this release:* #17: 5.0.0 #18: 5.1.0

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

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TS 03.02	Network Architecture					
R96	current version: 5.3.0		WG (prime / other): S2 / NP /	rapporteur: SULTAN, Alain	SOURCE COM	
	freeze_meeting: smg-22		T2			
	history (event, available, version,		G: yes U:	MCC: YOON, Sang-Ui		
	smg-17 02/02/1996	5 . 0 . 0	get it	remarks - general:		
	smg-18 12/04/1996	5 . 1 . 0	get it	remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0		
	smg-23 17/10/1997	5 . 2 . 0	get it			
	smg-24 19/12/1997	5 . 3 . 0	get it			

TS 03.03	Numbering, Addressing and Identification					
R96	current version: 5.4.1		WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE LTD	
	freeze_meeting: smg-22		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,			remarks - general:		
	smg-17	5 . 0 . 0		remarks - this release:		
	ETSI OAP 25/11/1996	5 . 0 . 1	get it			
	ETSI publication 02/05/1997	5 . 0 . 2	get it			
	smg-25 20/03/1998	5 . 1 . 0	get it			
	ETSI publication 23/10/1998	5 . 1 . 1	get it			
	smg-29 26/05/1999	5 . 2 . 0	get it			
	ETSI publication 22/11/1999	5 . 2 . 1	get it			
	NP-07 15/03/2000	5 . 3 . 0	get it			
	ETSI publication 15/11/2000	5 . 3 . 1	get it			
	NP-08 21/06/2000	5 . 4 . 0	get it			
	ETSI publication 04/01/2001	5 . 4 . 1	get it			

TR 03.05	Technical performance objectives					
R96	current version: 5.0.0		WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-22		G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0	get it	remarks - general:		
				remarks - this release: #20: 5.0.0		

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

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures					
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: smg-22	G: yes	U:	MCC:	Chalmers	
	history (event, available, version,				KYMALAINEN, Kimmo	
	smg-20 11/10/1996 5 . 0 . 0	get it				remarks - general:
	smg-23 17/10/1997 5 . 1 . 0	get it				remarks - this release:

TS 03.08	Organization of Subscriber Data					
R96	current version: 5.2.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-18 12/04/1996 5 . 0 . 0	get it				remarks - general:
	smg-21 14/02/1997 5 . 1 . 0	get it				remarks - this release:
	smg-23 17/10/1997 5 . 2 . 0	get it				

TS 03.09	Handover Procedures					
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting: smg-22	G: yes	U:	MCC:	Rouzbeh	
	history (event, available, version,				JORGENSEN, Per Johan	
	smg-18 12/04/1996 5 . 0 . 0	get it				remarks - general:
	smg-22 13/06/1997 5 . 1 . 0	get it				remarks - this release: #18: 5.0.0 #22: 5.1.0

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R96	current version: 5.4.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-22	G: yes	U:	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0	get it				remarks - general:
	smg-21 14/02/1997 5 . 1 . 0	get it				remarks - this release:
	smg-22 13/06/1997 5 . 2 . 0	get it				
	smg-23 17/10/1997 5 . 3 . 0	get it				
	smg-24 19/12/1997 5 . 4 . 0	get it				

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.11 Technical Realization of Supplementary Services - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 03/06/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 03.12 Location Registration Procedures

R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #17: 5.0.0

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.15 Technical Realization of Operator Determined Barring

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-22 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release: #16: 5.0.0 #21: 5.1.0*

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

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TS 03.16 Subscriber Data Management

R96 current version: 5.3.0

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-21	14/02/1997	5	.	1	.	0
smg-23	17/10/1997	5	.	2	.	0
smg-26	26/06/1998	5	.	3	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0
[get it](#)
[get it](#)

TS 03.18 Basic Call Handling

R96 current version: 5.6.0

freeze_meeting: smg-22

history (event, available, version,

smg-21	14/02/1997	5	.	0	.	0
smg-22	13/06/1997	5	.	1	.	0
smg-23	17/10/1997	5	.	2	.	0
smg-24	19/12/1997	5	.	3	.	0
smg-25	20/03/1998	5	.	4	.	0
smg-26	26/06/1998	5	.	5	.	0
smg-27	16/10/1998	5	.	6	.	0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
Chalmers
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R96 current version: 5.2.1

freeze_meeting: smg-22

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
smg-21	14/02/1997	5	.	1	.	0
smg-23	17/10/1997	5	.	2	.	0
smg-29	25/06/1999	5	.	2	.	1

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom
Sebastien
G: yes U: MCC: POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: SMG#29: CRs but postponed, then forgotten!
[get it](#)
[get it](#)

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R96	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-22				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	ETSI publication 03/06/1997	5 . 0 . 1	get it	<i>remarks - this release:</i>	group receive mode".	
	smg-21 14/02/1997	5 . 1 . 0	get it			
	ETSI publication 15/09/1997	5 . 1 . 1	get it			
	smg-22 13/06/1997	5 . 2 . 0	get it			
	ETSI publication 31/12/1997	5 . 2 . 1	get it			
	smg-26 26/06/1998	5 . 3 . 0	get it			
	ETSI publication 10/12/1998	5 . 3 . 1	get it			
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-22				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-22 13/06/1997	5 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-23 17/10/1997	5 . 2 . 0	get it			
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TeliaSonera AB
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#20: 5.0.0	
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	SULTAN, Alain	SOURCE COM
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui	
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997	5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998	5 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-27 16/10/1998	5 . 2 . 0	get it			

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 current version: 5.2.0

freeze_meeting: smg-22

history (event, available, version,

smg-21 14/02/1997 5 . 0 . 0
smg-26 26/06/1998 5 . 1 . 0
smg-28 12/02/1999 5 . 2 . 0

WG (prime / other): N1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

[get it](#) remarks - this release: #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

[get it](#)

TS 03.38 Alphabets and language-specific information

R96 current version: 5.6.1

freeze_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 12/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 4 . 0
smg-21 14/02/1997 5 . 5 . 0
smg-22 13/06/1997 5 . 6 . 0
Editorial correction 13/07/1997 5 . 6 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) 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

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TS 03.40 Technical realization of the Short Message Service (SMS)

R96 current version: 5.8.1

freeze_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 12/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 4 . 0
smg-21 14/02/1997 5 . 5 . 0
smg-22 13/06/1997 5 . 6 . 0
smg-23 17/10/1997 5 . 7 . 0
smg-26 26/06/1998 5 . 8 . 0
Editorial change 26/07/1998 5 . 8 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Research In Motion Limited

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-18	12/04/1996	5	.	2	.	0	get it	
smg-19	28/06/1996	5	.	3	.	0	get it	
smg-20	11/10/1996	5	.	4	.	0	get it	
ETSI publication	02/05/1997	5	.	4	.	1	get it	
smg-21	14/02/1997	5	.	5	.	0	get it	
ETSI publication	15/09/1997	5	.	5	.	1	get it	
smg-22	13/06/1997	5	.	6	.	0	get it	
ETSI publication	02/02/1998	5	.	6	.	1	get it	
smg-23	17/10/1997	5	.	7	.	0	get it	
smg-24	19/12/1997	5	.	8	.	0	get it	
ETSI publication	17/06/1998	5	.	8	.	1	get it	
smg-25	20/03/1998	5	.	9	.	0	get it	
ETSI publication	03/02/1999	5	.	9	.	1	get it	

TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-21	14/02/1997	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-22	13/06/1997	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-23	17/10/1997	5	.	2	.	0	get it	

TR 03.43 Support of Videotex

R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i>

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R96 *current version:* 5.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 1 . 1 [get it](#)
smg-22 13/06/1997 5 . 2 . 0 [get it](#)
ETSI publication 02/02/1998 5 . 2 . 1 [get it](#)

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
R96 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	smg-16 20/10/1995		get it	<i>remarks - general:</i>	
	smg-18 12/04/1996		get it	<i>remarks - this release:</i>	
	smg-19 28/06/1996		get it		
	smg-20 11/10/1996		get it		
	smg-21 14/02/1997		get it		
	smg-22 13/06/1997		get it		
	smg-23 17/10/1997		get it		
	smg-24 19/12/1997		get it		

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-17 02/02/1996		get it	<i>remarks - general:</i>	
	smg-20 11/10/1996		get it	<i>remarks - this release:</i> #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	
	smg-24 19/12/1997		get it		
	smg-25 20/03/1998		get it		
	smg-27 16/10/1998		get it		
	smg-28 12/02/1999		get it		
	smg-32 20/06/2000		get it		

TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997		get it	<i>remarks - general:</i>	
	smg-24 19/12/1997		get it	<i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0	

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-18 12/04/1996	5 . 1 . 0		get it	remarks - this release:				

TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
R96	current version: 5.1.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-20 11/10/1996	5 . 1 . 0		get it	remarks - this release:				
	ETSI publication 03/06/1997	5 . 1 . 1		get it					

TS 03.68	Voice Group Call Service (VGCS); Stage 2								
R96	current version: 5.5.1	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-18 12/04/1996	5 . 1 . 0		get it	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				
	smg-20 11/10/1996	5 . 1 . 1		get it					
	ETSI publication 03/06/1997	5 . 1 . 2		get it					
	smg-21 14/02/1997	5 . 2 . 0		get it					
	ETSI publication 26/08/1997	5 . 2 . 1		get it					
	smg-23 17/10/1997	5 . 3 . 0		get it					
	ETSI publication 07/04/1998	5 . 3 . 1		get it					
	smg-24 19/12/1997	5 . 4 . 0		get it					
	ETSI publication 23/07/1998	5 . 4 . 1		get it					
	smg-26 26/06/1998	5 . 5 . 1		get it					

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

3GPP specification status

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Server ACTIVE specs R96 03 .- series
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TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 current version: 5.5.1

freeze_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-18 12/04/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 1 . 1

ETSI publication 03/06/1997 5 . 1 . 2

smg-21 14/02/1997 5 . 2 . 0

ETSI publication 26/08/1997 5 . 2 . 1

smg-23 17/10/1997 5 . 3 . 0

ETSI publication 07/04/1998 5 . 3 . 1

smg-24 19/12/1997 5 . 4 . 0

ETSI publication 23/10/1999 5 . 4 . 1

smg-26 26/06/1998 5 . 5 . 0

ETSI publication 10/12/1998 5 . 5 . 1

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

[get it](#) 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

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96 current version: 5.0.0

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #20: 5.0.0

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

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ACTIVE specs R96 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.78	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2				
R96	current version: 5.8.0	WG (prime / other): N2 / -	rapporteur: LANTELME, Isabelle	ALCATEL S.A.	
	freeze_meeting: smg-22	G: yes U:	MCC: JURISIC, Andrijana		
	history (event, available, version,				
	smg-21 14/02/1997 5 . 0 . 0		get it	remarks - general:	
ETSI publication	23/04/1997 5 . 0 . 1		get it	remarks - this release:	
smg-22	13/06/1997 5 . 1 . 0		get it		
smg-23	17/10/1997 5 . 2 . 0		get it		
smg-24	19/12/1997 5 . 3 . 0		get it		
edito	19/01/1998 5 . 3 . 1		get it		
ETSI publication	30/01/1998 5 . 3 . 2		get it		
smg-25	20/03/1998 5 . 4 . 0		get it		
smg-26	26/06/1998 5 . 5 . 0		get it		
smg-27	16/10/1998 5 . 6 . 0		get it		
smg-28	12/02/1999 5 . 7 . 0		get it		
smg-29	25/06/1999 5 . 8 . 0		get it		

TS 03.79	Support of Optimal Routeing phase 1; Stage 2				
R96	current version: 5.5.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-21 14/02/1997 5 . 0 . 0		get it	remarks - general:	
ETSI publication	02/05/1997 5 . 0 . 1		get it	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	
smg-22	13/06/1997 5 . 1 . 0		get it		
smg-24	19/12/1997 5 . 2 . 0		get it		
smg-25	20/03/1998 5 . 3 . 0		get it		
smg-27	16/10/1998 5 . 4 . 0		get it		
NP-05	08/10/1999 5 . 5 . 0		get it		

TS 03.81	Line Identification Supplementary Services; Stage 2				
R96	current version: 5.2.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general:	
smg-24	19/12/1997 5 . 1 . 0		get it	remarks - this release: #20: 5.0.0 #24: 5.1.0 #26: 5.2.0	
smg-26	26/06/1998 5 . 2 . 0		get it		

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

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					Server	ACTIVE specs R96	03 .- series
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2						
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB	
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:		
					remarks - this release: #20: 5.0.0		
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2						
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:		
					remarks - this release: #20: 5.0.0		
TS 03.84	Multi Party (MPY) Supplementary Services; Stage 2						
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:		
					remarks - this release: #20: 5.0.0		
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2						
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:		
					remarks - this release:		
TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2						
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:		
ETSI Publication 28/11/2000 5 . 0 . 1				get it	remarks - this release: #20: 5.0.0		

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

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ACTIVE specs R96 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.90 Unstructured Supplementary Service Data (USSD)
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mm02 plc
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2
R96 *current version:* 5.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.0.1 #19: 5.0.2
smg-19 28/06/1996 5 . 0 . 2 [get it](#)

R96 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

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

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration					
R96	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-18 12/04/1996 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:	#18: 5.0.0	
<hr/>						
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	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-18 12/04/1996 5 . 0 . 0	get it		remarks - general:		
	smg-21 14/02/1997 5 . 1 . 0	get it		remarks - this release:		
	smg-22 13/06/1997 5 . 2 . 0	get it				
	smg-24 19/12/1997 5 . 3 . 0	get it				
<hr/>						
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	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
	ETSI publication 02/05/1997 5 . 0 . 1	get it		remarks - this release:		
	smg-24 19/12/1997 5 . 1 . 0	get it				
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R96	current version: 5.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 1	get it		remarks - general:		
				remarks - this release:		

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

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ACTIVE specs R96 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 *current version:* 5.4.1
freeze_meeting: smg-22

WG (prime / other): G2 / -

rapporteur: ANDERSEN, Niels

MOTOROLA A/S

G: yes *U:*

MCC: THOMASEN, Gert

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0	
ETSI publication	02/05/1997	5	.	0	.	1	
smg-21	14/02/1997	5	.	1	.	0	
ETSI publication	15/09/1997	5	.	1	.	1	
smg-25	20/03/1998	5	.	2	.	0	
ETSI publication	23/10/1998	5	.	2	.	1	
smg-29	25/06/1999	5	.	3	.	0	
ETSI publication	22/12/1999	5	.	3	.	1	
smg-31	16/02/2000	5	.	4	.	0	
ETSI Publication	28/11/2000	5	.	4	.	1	

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 *current version:* 5.3.0
freeze_meeting: smg-22

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew

MOTOROLA Ltd

G: yes *U:*

MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	
smg-17	02/02/1996	5	.	1	.	0	
smg-20	11/10/1996	5	.	1	.	1	
ETSI publication	05/05/1997	5	.	1	.	2	
smg-21	14/02/1997	5	.	2	.	0	
ETSI publication	19/12/1997	5	.	2	.	1	
smg-24	19/12/1997	5	.	3	.	0	

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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[get it](#)

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.19.0

freeze_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	13/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	2
ETSI publication	27/02/1998	5	.	6	.	3
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	23/10/1998	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	16/12/1998	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	05/10/1999	5	.	13	.	1
ETSI publication	22/12/1999	5	.	13	.	1
smg-30	11/11/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-07	15/03/2000	5	.	15	.	0
ETSI publication	05/10/2000	5	.	15	.	1
smg-31 bis	17/04/2000	5	.	16	.	0
smg-32	20/06/2000	5	.	17	.	0
GP-01	12/10/2000	5	.	18	.	0
edito	02/11/2000	5	.	18	.	1
NP-18	18/12/2002	5	.	19	.	0

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

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remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

[get it](#)

remarks - this release: Thomasen (even numbered CRs!)

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

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ACTIVE specs R96 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-22		Peter Skov			
		G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0				remarks - general:	
	edito 11/10/1996 5 . 0 . 1				remarks - this release:	
		get it				
<hr/>						
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): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation		
	freeze_meeting: smg-22		MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0				remarks - general:	
	smg-17 02/02/1996 5 . 1 . 0				remarks - this release:	
	smg-20 11/10/1996 5 . 1 . 1					
	smg-21 14/02/1997 5 . 2 . 0					
	ETSI publication 15/09/1997 5 . 2 . 1					
	NP-09 24/10/2000 5 . 3 . 0					
		get it				
		get it				
		get it				
		get it				
		get it				
		get it				
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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	MOTOROLA A/S		
	freeze_meeting: smg-22		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-19 28/06/1996 5 . 0 . 0				remarks - general:	
	smg-20 11/10/1996 5 . 0 . 1				remarks - this release: #19: 5.0.0 #20: 5.0.1	
	ETSI Publication 28/11/2000 5 . 0 . 2					
		get it				
		get it				
		get it				
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TS 04.13	Performance Requirements on Mobile Radio Interface					
R96	current version: 5.1.1	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc		
	freeze_meeting: smg-22		MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-18 12/04/1996 5 . 0 . 0				remarks - general:	
	smg-20 11/10/1996 5 . 1 . 0				remarks - this release: #18: 5.0.0 #20: 5.1.0	
	ETSI Publication 28/11/2000 5 . 1 . 1					
		get it				
		get it				
		get it				

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

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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				
	history (event, available, version,								
	smg-26 26/06/1998	5 . 0 . 0		get it	remarks - general:				
	smg-27 16/10/1998	5 . 1 . 0		get it	remarks - this release:				

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R96	current version: 5.7.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-22	G: yes U:		MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	smg-21 14/02/1997	5 . 1 . 0		get it	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				
	smg-22 13/06/1997	5 . 2 . 0		get it					
	smg-23 17/10/1997	5 . 3 . 0		get it					
	smg-24 19/12/1997	5 . 4 . 0		get it					
	smg-25 20/03/1998	5 . 5 . 0		get it					
	smg-27 16/10/1998	5 . 6 . 0		get it					
	NP-08 21/06/2000	5 . 7 . 0		get it					

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):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes U:		MCC:	BOSWARTHICK, David			
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-20 11/10/1996	5 . 0 . 1		get it	remarks - this release:				
	smg-21 14/02/1997	5 . 1 . 0		get it					
	smg-22 13/06/1997	5 . 2 . 0		get it					
	smg-23 17/10/1997	5 . 3 . 0		get it					
	smg-25 20/03/1998	5 . 4 . 0		get it					
	smg-27 16/10/1998	5 . 5 . 0		get it					
	NP-06 13/12/1999	5 . 6 . 0		get it					
	ETSI publication 17/07/2000	5 . 6 . 1		get it					

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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):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3
R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 28/11/2000 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0

TS 04.68 Group Call Control (GCC) Protocol
R96 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-27 16/10/1998 5 . 1 . 0 [get it](#)
smg-28 12/02/1999 5 . 2 . 0 [get it](#)
smg-29 25/06/1999 5 . 3 . 0 [get it](#)
smg-30 11/11/1999 5 . 4 . 0 [get it](#)
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

TS 04.69 Broadcast Call Control (BCC) protocol
R96 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 5 . 2 . 0 [get it](#)
smg-29 25/06/1999 5 . 3 . 0 [get it](#)
smg-30 11/11/1999 5 . 4 . 0 [get it](#)
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

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

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R96 *current version:* 5.3.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-24 19/12/1997 5 . 1 . 0 [get it](#)
smg-25 20/03/1998 5 . 2 . 0 [get it](#)
smg-28 12/02/1999 5 . 3 . 0 [get it](#)
ETSI Publication 12/03/1999 5 . 3 . 1 [get it](#)

TS 04.81 Line Identification Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release: #20: 5.0.0*

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release: #20: 5.0.0*

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release: #20: 5.0.0*

TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release: #20: 5.0.0*

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

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #20: 5.0.0		
<hr/>					
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0		
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TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-24 19/12/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0		
	ETSI Publication 19/01/1998 5 . 1 . 1	get it			
<hr/>					
TS 04.90	Unstructured Supplementary Service Data (USSD)				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0		
<hr/>					
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R96	<i>current version:</i> 5.1.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-16 20/10/1995 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-17 02/02/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #16: 5.0.0 #17: 5.1.0		
	ETSI Publication 02/03/1996 5 . 1 . 2	get it			

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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

NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0
smg-20 11/10/1996 5 . 1 . 0
smg-21 14/02/1997 5 . 2 . 0
smg-22 13/06/1997 5 . 3 . 0
smg-25 20/03/1998 5 . 4 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

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

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 2 . 0
ETSI publication 13/05/1997 5 . 2 . 1
smg-21 14/02/1997 5 . 3 . 0
ETSI publication 26/08/1997 5 . 3 . 1
smg-22 13/06/1997 5 . 4 . 0
ETSI publication 31/12/1997 5 . 4 . 1
smg-23 17/10/1997 5 . 5 . 0
smg-25 20/03/1998 5 . 6 . 0
ETSI publication 23/10/1998 5 . 6 . 1
smg-26 26/06/1998 5 . 7 . 0
ETSI publication 10/12/1998 5 . 7 . 1
smg-28 12/02/1999 5 . 8 . 0
ETSI publication 04/08/1999 5 . 8 . 1
GP-01 09/10/2000 5 . 9 . 0
GP-06 01/10/2001 5 . 10 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding									
R96	<i>current version:</i> 5.6.0									
	<i>freeze_meeting:</i> smg-22									
	<i>history (event, available, version,</i>									
	smg-17 02/02/1996	5	.	0	.	0		get it	<i>remarks - general:</i>	
	smg-18 12/04/1996	5	.	1	.	0		get it	<i>remarks - this release:</i> #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	
	smg-19 26/06/1996	5	.	2	.	0		get it		
	smg-20 11/10/1996	5	.	2	.	1		get it		
	ETSI publication 12/05/1997	5	.	2	.	2		get it		
	smg-21 14/02/1997	5	.	3	.	0		get it		
	ETSI publication 26/08/1997	5	.	3	.	1		get it		
	smg-23 17/10/1997	5	.	4	.	0		get it		
	smg-25 20/03/1998	5	.	5	.	0		get it		
	ETSI publication 23/10/1998	5	.	5	.	1		get it		
	GP-01 09/10/2000	5	.	6	.	0		get it		

TS 05.04	Modulation									
R96	<i>current version:</i> 5.1.1									
	<i>freeze_meeting:</i> smg-22									
	<i>history (event, available, version,</i>									
	smg-20 11/10/1996	5	.	0	.	0		get it	<i>remarks - general:</i>	
	ETSI publication 13/05/1997	5	.	0	.	1		get it	<i>remarks - this release:</i>	
	smg-30 11/11/1999	5	.	1	.	0		get it		
	ETSI Publication 11/12/1999	5	.	1	.	1		get it		

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0

freeze_meeting: smg-22

history (event, available, version,

smg-17	02/02/1996	5	.	0	.	0
smg-18	12/04/1996	5	.	1	.	0
smg-19	28/06/1996	5	.	2	.	0
smg-20	11/10/1996	5	.	3	.	0
ETSI publication	13/05/1997	5	.	3	.	1
smg-21	14/02/1997	5	.	4	.	0
ETSI publication	26/08/1997	5	.	4	.	1
smg-22	13/06/1997	5	.	5	.	0
ETSI publication	02/02/1998	5	.	5	.	1
smg-23	17/10/1997	5	.	6	.	0
smg-24	19/12/1997	5	.	7	.	0
ETSI publication	17/06/1998	5	.	7	.	1
smg-25	20/03/1998	5	.	8	.	0
ETSI publication	23/10/1998	5	.	8	.	1
smg-26	26/06/1998	5	.	9	.	0
ETSI publication	11/12/1998	5	.	9	.	1
smg-27	16/10/1998	5	.	10	.	0
ETSI publication	09/03/1999	5	.	10	.	1
smg-29	25/06/1999	5	.	11	.	0
ETSI publication	22/12/1999	5	.	11	.	1
smg-30	11/11/1999	5	.	12	.	0
GP-01	09/10/2000	5	.	13	.	0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R96 current version: 5.10.0

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-19	28/06/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	2	.	0
ETSI publication	03/06/1997	5	.	2	.	1
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-22	13/06/1997	5	.	4	.	0
ETSI publication	31/12/1997	5	.	4	.	1
smg-23	17/10/1997	5	.	5	.	0
smg-24	19/12/1997	5	.	6	.	0
ETSI publication	17/06/1998	5	.	6	.	1
smg-25	20/03/1998	5	.	7	.	0
ETSI publication	23/10/1998	5	.	7	.	1
smg-26	26/06/1998	5	.	8	.	0
ETSI publication	10/12/1998	5	.	8	.	1
smg-27	16/10/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
GP-01	10/10/2000	5	.	10	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 05.10 Radio subsystem synchronization

R96 current version: 5.4.1

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-20	11/10/1996	5	.	1	.	0
ETSI publication	03/06/1997	5	.	1	.	1
smg-23	17/10/1997	5	.	2	.	0
draft	19/03/1999	5	.	2	.	1
ETSI publication	04/08/1999	5	.	2	.	2
GP-01	10/10/2000	5	.	3	.	0
GP-02	24/11/2000	5	.	4	.	0
edito	30/11/2000	5	.	4	.	1

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:

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ACTIVE specs R96 05 .- series
Server http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22 Radio link management in hierarchical networks
R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TR 05.50 Background for RF Requirements
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1
smg-23 17/10/1997 5 . 1 . 1 [get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations
R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-20 28/05/1998 5 . 0 . 0 No proper source file available [get it](#) *remarks - general:*
remarks - this release: .

R96 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R96 *current version:* 5.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 5 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 17/11/1997 5 . 1 . 1 [get it](#)

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
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	
	history (event, available, version,					
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	ETSI Publication 11/11/1996 5 . 0 . 1	get it		remarks - this release: #20: 5.0.0		
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
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	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
	smg-22 13/06/1997 5 . 1 . 0	get it		remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1		
	smg-23 17/10/1997 5 . 1 . 1	get it				
<hr/>						
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	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
	smg-22 13/06/1997 5 . 1 . 0	get it		remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0		
	smg-23 17/10/1997 5 . 2 . 0	get it				
	ETSI Publication 17/11/1997 5 . 2 . 1	get it				
<hr/>						
TR 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	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
				remarks - this release: #20: 5.0.0		

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-32 20/06/2000 5 . 2 . 0 [get it](#)
ETSI Publication 04/01/2001 5 . 2 . 1 [get it](#)
SP-12 29/06/2001 5 . 3 . 0 [get it](#)

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
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0 #23: 5.0.1

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
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0
SP-12 29/06/2001 5 . 1 . 0 [get it](#)

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
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #22: 5.1.0
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	remarks - this release: #20: 5.0.0			
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			
	history (event, available, version,					
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	smg-22 13/06/1997 5 . 1 . 0	get it	remarks - this release: #20: 5.0.0 #22: 5.1.0			
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			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	smg-23 17/10/1997 5 . 0 . 1	get it	remarks - this release: #20: 5.0.0 #23: 5.0.1			
TS 06.32	Voice Activity Detection (VAD)					
R96	current version: 5.0.3	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	smg-23 17/10/1997 5 . 0 . 2	get it	remarks - this release: #20: 5.0.0 #23: 5.0.2			
	ETSI Publication 17/11/1997 5 . 0 . 3	get it				
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R96	current version: 5.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:			
	smg-22 13/06/1997 5 . 0 . 1	get it	remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0			
	smg-23 17/10/1997 5 . 1 . 0	get it				
	ETSI Publication 17/11/1997 5 . 1 . 1	get it				

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
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	smg-22 13/06/1997 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.0.1			
<hr/>						
TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-17 02/02/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-19 28/06/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0 TSG#10:5.3.0			
	smg-20 11/10/1996 5 . 1 . 1	get it				
	ETSI publication 28/03/1997 5 . 1 . 2	get it				
	smg-32 20/06/2000 5 . 2 . 0	get it				
	ETSI publication 5 . 2 . 1					
	SP-10 20/12/2000 5 . 3 . 0	get it				
<hr/>						
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R96	<i>current version:</i> 5.1.3	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-17 02/02/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-19 28/06/1996 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-20 11/10/1996 5 . 1 . 1	get it				
	ETSI publication 13/01/2000 5 . 1 . 2	get it				
	smg-23 17/10/1997 5 . 1 . 3	get it				

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TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
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	
	history (event, available, version,					
	smg-20 11/10/1996			get it	remarks - general:	
	smg-22 13/06/1997			get it	remarks - this release:	
	ETSI publication 27/02/1998			get it		
	smg-32 20/06/2000			get it		
	SP-10 20/12/2000			get it		
<hr/>						
TR 06.55	Performance characterisation of the GSM EFR 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	
	history (event, available, version,					
	smg-19 28/06/1996			get it	remarks - general:	
					remarks - this release: #19: 5.0.0	
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
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	
	history (event, available, version,					
	smg-17 02/02/1996			get it	remarks - general:	
	smg-19 28/06/1996			get it	remarks - this release: #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0	
	smg-20 11/10/1996			get it		
	smg-23 17/10/1997			get it		
	smg-25 20/03/1998			get it		
	ETSI Publication 20/04/1998			get it		
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R96	current version: 5.1.2	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-17 02/02/1996			get it	remarks - general:	
	smg-19 28/06/1996			get it	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1	
	smg-20 11/10/1996			get it		
	ETSI Publication 11/11/1996			get it		

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TS 06.82	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		
history (event, available, version,							
smg-17	02/02/1996	5 . 0 . 0		get it	remarks - general:		
smg-19	28/06/1996	5 . 1 . 0		get it	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3		
smg-20	11/10/1996	5 . 1 . 1		get it			
smg-23	17/10/1997	5 . 1 . 3		get it			

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		
history (event, available, version,							
smg-17	02/02/1996	5 . 0 . 0		get it	remarks - general:		
smg-19	28/06/1996	5 . 1 . 0		get it	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0		
smg-20	11/10/1996	5 . 1 . 1		get it			
smg-22	13/06/1997	5 . 1 . 2		get it			
smg-30	11/11/1999	5 . 2 . 0		get it			
ETSI Publication	09/05/2000	5 . 2 . 1		get it			

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		
history (event, available, version,							
smg-17	02/02/1996	5 . 0 . 0		get it	remarks - general:		
smg-20	11/10/1996	5 . 0 . 2		get it	remarks - this release: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3		
smg-22	13/06/1997	5 . 0 . 3		get it			

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		
history (event, available, version,							
smg-26	26/06/1998	5 . 0 . 0		get it	remarks - general:		
					remarks - this release: #26: 5.0.0		

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R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 *current version:* 5.9.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-18 12/04/1996 5 . 1 . 1 [get it](#)
smg-19 28/06/1996 5 . 2 . 0 [get it](#)
smg-20 11/10/1996 5 . 3 . 0 [get it](#)
smg-21 14/02/1997 5 . 4 . 0 [get it](#)
smg-22 13/06/1997 5 . 5 . 0 [get it](#)
smg-23 17/10/1997 5 . 6 . 0 [get it](#)
smg-24 19/12/1997 5 . 7 . 0 [get it](#)
smg-25 20/03/1998 5 . 8 . 0 [get it](#)
smg-28 12/02/1999 5 . 9 . 0 [get it](#)
ETSI Publication 12/03/1999 5 . 9 . 1 [get it](#)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *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
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-23 17/10/1997 5 . 4 . 0 [get it](#)
smg-24 19/12/1997 5 . 5 . 0 [get it](#)
ETSI Publication 19/01/1998 5 . 5 . 1 [get it](#)

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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):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *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
smg-21 14/02/1997 5 . 1 . 0 [get it](#)
smg-22 13/06/1997 5 . 2 . 0 [get it](#)
smg-23 17/10/1997 5 . 3 . 0 [get it](#)
smg-24 19/12/1997 5 . 4 . 0 [get it](#)
ETSI Publication 19/01/1998 5 . 4 . 1 [get it](#)

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):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-23 17/10/1997 5 . 4 . 0 [get it](#)
smg-24 19/12/1997 5 . 5 . 0 [get it](#)

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-23 17/10/1997 5 . 4 . 0 [get it](#)
smg-24 19/12/1997 5 . 5 . 0 [get it](#)
smg-25 20/03/1998 5 . 6 . 0 [get it](#)
smg-26 26/06/1998 5 . 7 . 0 [get it](#)
smg-27 16/10/1998 5 . 8 . 0 [get it](#)
smg-29 25/06/1999 5 . 9 . 0 [get it](#)
ETSI Publication 25/07/1999 5 . 9 . 1 [get it](#)

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TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0
smg-24 19/12/1997 5 . 2 . 0 [get it](#)
ETSI Publication 19/01/1998 5 . 2 . 1 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R96 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: #24: 5.1.0

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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 MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:*

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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	MOTOROLA A/S	
	freeze_meeting: smg-22		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,					
smg-20 11/10/1996	5 . 0 . 0	get it	remarks - general:		
			remarks - this release:		
<hr/>					
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	MOTOROLA A/S	
	freeze_meeting: smg-22		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,					
smg-17 02/02/1996	5 . 0 . 0	get it	remarks - general:		
smg-18 12/04/1996	5 . 1 . 0	get it	remarks - this release:		
smg-25 20/03/1998	5 . 2 . 0	get it			
smg-28 12/02/1999	5 . 3 . 0	get it			
<hr/>					
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	MOTOROLA A/S	
	freeze_meeting: smg-22		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,					
smg-16 20/10/1995	5 . 0 . 0	get it	remarks - general:		
smg-17 02/02/1996	5 . 1 . 0	get it	remarks - this release: .		
	5 . 2 . 0				
	5 . 3 . 0				
smg-20 11/10/1996	5 . 4 . 0	get it			
smg-21 14/02/1997	5 . 5 . 0	get it			
smg-22 13/06/1997	5 . 6 . 0	get it			
	5 . 7 . 0				
	5 . 8 . 0				
smg-25	5 . 9 . 0				
	5 . 10 . 0	get it			
smg-29 25/06/1999	5 . 11 . 0	get it			
smg-31 bis 17/04/2000	5 . 12 . 0	get it			

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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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>	smg-24 19/12/1997	5 . 0 . 0	withdrawn smg-25	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
<i>history (event, available, version,</i>	smg-20 11/10/1996	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-21 14/02/1997	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-22 13/06/1997	5 . 2 . 0		get it					
	smg-24 19/12/1997	5 . 3 . 0		get it					
	NP-11 04/04/2001	5 . 4 . 0		get it					
<hr/>									
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>	smg-20 11/10/1996	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>	smg-20 11/10/1996	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
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 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0	get it		remarks - general:		
	smg-17 02/02/1996 5 . 1 . 0	get it		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	
	smg-19 28/06/1996 5 . 2 . 0	get it				
	smg-21 14/02/1997 5 . 3 . 0	get it				
	smg-22 13/06/1997 5 . 4 . 0	get it				
	smg-23 17/10/1997 5 . 5 . 0	get it				
	smg-24 19/12/1997 5 . 6 . 0	get it				
	smg-25 20/03/1998 5 . 7 . 0	get it				
	smg-26 26/06/1998 5 . 8 . 0	get it				
	smg-29 25/06/1999 5 . 9 . 0	get it				
	smg-30 11/11/1999 5 . 10 . 0	get it				

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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 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

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 MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

3GPP specification status

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.18.0

freeze_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	03/06/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
edito	23/05/1997	5	.	5	.	1
ETSI publication	05/11/1997	5	.	5	.	2
smg-22	13/06/1997	5	.	6	.	0
ETSI publication	02/02/1998	5	.	6	.	1
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
ETSI publication	23/07/1998	5	.	8	.	1
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	05/09/1999	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
ETSI publication	04/08/1999	5	.	12	.	1
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	29/12/1999	5	.	13	.	1
NP-05	08/10/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-06	15/12/1999	5	.	15	.	0
NP-09	13/11/2000	5	.	16	.	0
NP-15	04/04/2002	5	.	17	.	0
include SDLs	22/07/2002	5	.	17	.	1
NP-19	04/04/2003	5	.	18	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general: CN->N4 Apr00 (JMM)

[get it](#) remarks - this release:

[get it](#)

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

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

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	<i>current version:</i> Network (PLMN)	5.0.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".		
						<i>remarks - this release:</i>	#20: 5.0.0		
<hr/>									
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".		
						<i>remarks - this release:</i>	#20: 5.0.0		
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".		
						<i>remarks - this release:</i>	#20: 5.0.0		
<hr/>									
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	<i>current version:</i> Switched Data Transmission Services	5.0.2	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-19 28/06/1996	5 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".		
	smg-20 11/10/1996	5 . 0 . 1			get it	<i>remarks - this release:</i>	#19: 5.0.0 #20: 5.0.1		
	ETSI Publication 11/11/1996	5 . 0 . 2			get it				

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http://www.3gpp.org/ftp/Specs/archive/09_series

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):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
history (event, available, version,									
	smg-16	20/10/1995	5	.	0	.	0	get it	remarks - general:
	smg-17	02/02/1996	5	.	0	.	1	get it	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
	smg-18	12/04/1996	5	.	1	.	0	get it	
	smg-19	28/06/1996	5	.	2	.	0	get it	
	smg-20	11/10/1996	5	.	2	.	1	get it	
	smg-21	14/02/1997	5	.	3	.	0	get it	
	smg-22	13/06/1997	5	.	4	.	0	get it	
	smg-23	17/10/1997	5	.	5	.	0	get it	
	smg-24	19/12/1997	5	.	6	.	0	get it	
	smg-25	20/03/1998	5	.	7	.	0	get it	
	smg-27	16/10/1998	5	.	8	.	0	get it	
	smg-28	12/02/1999	5	.	9	.	0	get it	
	NP-06	15/12/1999	5	.	10	.	0	get it	
	ETSI Publication	05/07/2000	5	.	10	.	1	get it	

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):	N1	/-	rapporteur:	FARHOUMAND, Ericsson Incorporated			
	freeze_meeting: smg-22					Rouzbeh			
		G: yes	U:		MCC:	JORGENSEN, Per Johan			
history (event, available, version,									
	smg-20	11/10/1996	5	.	0	.	0	get it	remarks - general:
	smg-21	14/02/1997	5	.	1	.	0	get it	remarks - this release: #20: 5.0.0 #21: 5.1.0

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):	N4	/-	rapporteur:	KYMALAINEN, Kimmo			
TeliaSonera AB									
	freeze_meeting: smg-22		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-17	02/02/1996	5	.	0	.	0	get it	remarks - general:
	smg-18	12/04/1996	5	.	1	.	0	get it	remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0
	smg-23	17/10/1997	5	.	2	.	0	get it	

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11	Signalling Interworking for Supplementary Services								
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-18 12/04/1996	5	.	0	.	0	get it	remarks - general:	
	smg-19 28/06/1996	5	.	1	.	0	get it	remarks - this release: #18: 5.0.0 #19: 5.1.0	

TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R96	current version: 5.7.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-22	G: yes	U:	MCC:	JURISIC, Andrijana				
	history (event, available, version,								
	smg-21 14/02/2000	5	.	0	.	0	get it	remarks - general:	
	smg-22 13/06/1997	5	.	1	.	0	get it	remarks - this release:	
	smg-23 17/10/1997	5	.	2	.	0	get it		
	smg-24 19/12/1997	5	.	3	.	0	get it		
	smg-25 20/03/1998	5	.	4	.	0	get it		
	smg-26 26/06/1998	5	.	5	.	0	get it		
	smg-28 12/02/1999	5	.	6	.	0	get it		
	smg-29 25/06/1999	5	.	7	.	0	get it		

TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	<to be defined> 02/02/1996	5	.	0	.	0	get it	remarks - general:	
	smg-22 02/01/2001	5	.	1	.	0	get it	remarks - this release:	

TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R96	current version: 5.1.1	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: smg-21	G: yes	U:	MCC:	Peter Skov JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0	get it	remarks - general:	
	NP-16 26/06/2002	5	.	1	.	0	get it	remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	
	edito post NP-18 16/12/2002	5	.	1	.	1	get it	minor editorials to change style from TS to TR.	

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Server ACTIVE specs R96 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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:* YOON, Sang-Ui
history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #19: 5.0.0 & 5.1.0 #20: 5.2.0 Jun00: version we have is actually 5.1.2!
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
Editorial correction 11/11/1996 5 . 2 . 1 [get it](#)

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):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-21 14/02/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 1 . 1 . 0 [get it](#) *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0
smg-25 20/03/1998 5 . 0 . 0 [get it](#)
smg-28 12/02/1999 5 . 1 . 0 [get it](#)

TR 10.14 System overview for 14.4 kbit/s Work Item

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 23/07/1997 1 . 0 . 1 [get it](#) *remarks - general:* still alive? June-2001:no. So no propagation to later releases.
smg-22 2 . 0 . 0 *remarks - this release:*
smg-22 13/06/1997 5 . 0 . 0 [get it](#)

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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3GPP specification status

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R96 current version: 5.12.2 WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0

smg-21 14/02/1997 5 . 1 . 0

11-19: G4->G5.

smg-22 13/06/1997 5 . 2 . 0

smg-23 17/10/1997 5 . 3 . 0

smg-24 19/12/1997 5 . 4 . 0

smg-25 20/03/1998 5 . 5 . 0

smg-26 06/06/1998 5 . 6 . 0

smg-27 16/10/1998 5 . 7 . 0

smg-28 12/02/1999 5 . 8 . 0

smg-29 25/06/1999 5 . 9 . 0

smg-30 11/11/1999 5 . 10 . 0

smg-31 16/02/2000 5 . 11 . 0

Editorial correction 16/02/2000 5 . 11 . 1

GP-06 06/09/2001 5 . 12 . 0

Editorial correction 01/08/2002 5 . 12 . 1

Editorial correction 02/08/2002 5 . 12 . 2

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remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #31bis: closed (R99 version serves all releases) replaced by Rel-5 equivalent. 2001-

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): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-30 11/11/1999 5 . 0 . 0

smg-18 12/04/1996 5 . 0 . 0

ETSI publication 23/06/2000 5 . 0 . 1

GP-06 06/09/2001 5 . 1 . 0

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remarks - general: 2001-11-19: G4->G5.
remarks - this release: #32:closed GP-06: Rel-4 serves all releases.

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

3GPP specification status

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

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):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-22

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,

smg-30 11/11/1999 5 . 0 . 0

smg-31 16/02/2000 5 . 1 . 0

not derived from R96 by CR; also to withdraw the R96 version, since the

version will cover all previous Releases. TP-20: accepted by T3 (from G4).

editorial 15/09/2000 5 . 1 . 1

GP-02 30/11/2000 5 . 2 . 0

GP-04 29/03/2001 5 . 3 . 0

GP-04 11/04/2001 5 . 3 . 0

GP-06 31/08/2001 5 . 4 . 0

GP-07 09/01/2002 5 . 5 . 0

GP-13 21/02/2003 5 . 6 . 0

[get it](#) *remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
[get it](#) *remarks - this release:* GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from version

G5, and to approve a new R99 version not derived from R96 by CR; also to R99

withdraw the R96 version, since the R99 version will cover all previous Releases.

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96 *current version:* 5.10.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.

freeze_meeting: smg-22

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

smg-23 17/10/1997 5 . 7 . 0

smg-24 19/12/1997 5 . 8 . 0

smg-25 20/03/1998 5 . 9 . 0

smg-26 26/06/1998 5 . 10 . 0

Editorial correction 26/06/1998 5 . 10 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

3GPP specification status

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

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): T3 / -	rapporteur: WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-27	G: yes U:	MCC: DIETZE, Claus		
<i>history (event, available, version,</i>					
	smg-18 12/04/1996	5 . 0 . 0	get it	remarks - general:	
	smg-19 28/06/1996	5 . 1 . 0	get it	remarks - this release:	
	smg-20 11/10/1996	5 . 2 . 0	get it		
	smg-21 14/02/1997	5 . 3 . 0	get it		
	smg-22 13/06/1997	5 . 4 . 0	get it		
	smg-23 17/10/1997	5 . 5 . 0	get it		
	smg-24 19/12/1997	5 . 6 . 0	get it		
	smg-25 20/03/1998	5 . 7 . 0	get it		
	smg-26 26/06/1998	5 . 8 . 0	get it		
	smg-27 16/10/1998	5 . 9 . 0	get it		

TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters				
R96	current version: 5.2.1	WG (prime / other): G3 / -	rapporteur: VACANT,		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
	<to be defined>	5 . 0 . 0		remarks - general:	
	smg-25 20/03/1998	5 . 1 . 0	get it	remarks - this release: .	
	smg-26 26/06/1998	5 . 2 . 0	get it		
	Editorial correction 26/06/1998	5 . 2 . 1	get it		

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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		
<i>history (event, available, version,</i>					
	smg-22 13/06/1997	5 . 0 . 0	get it	remarks - general:	
	Editorial correction 13/07/1997	5 . 0 . 1	get it	remarks - this release:	

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

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Server ACTIVE specs R96 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05 Subscriber Related Call and Event Data

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0
Editorial correction 17/10/1997 5 . 0 . 1

WG (prime / other): S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation
G: yes U: *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 12.08 Subscriber and Equipment trace

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0
smg-25 20/03/1998 5 . 1 . 0
Editorial correction 20/03/1998 5 . 1 . 1

WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
G: yes U: *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0

WG (prime / other): G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
remarks - this release:

Ph2

Ph2 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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ACTIVE specs Ph2 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system								
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-20	4 . 0 . 0							<i>remarks - general:</i> post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
									<i>remarks - this release:</i> . backwards extension to earlier releases.
<hr/>									
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S1 / GP / NP	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S					
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 0 . 1	get it						<i>remarks - general:</i>
	smg-08 01/10/1993	4 . 0 . 2	get it						<i>remarks - this release:</i>
<hr/>									
TR 01.04	Abbreviations and acronyms								
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-08 01/10/1993	4 . 0 . 1	get it						<i>remarks - general:</i>
	smg-09 21/01/1994	4 . 0 . 3	get it						<i>remarks - this release:</i>
	smg-10 15/04/1994	4 . 0 . 4	get it						
	smg-11 01/07/1994	4 . 1 . 0	get it						
	smg-12 07/10/1994	4 . 1 . 1	get it						
	smg-14 07/04/1994	4 . 1 . 2	get it						

Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

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ACTIVE specs Ph2 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-10 15/04/1994 4 . 4 . 0	get it				
	smg-11 01/07/1994 4 . 4 . 1	get it				
	smg-12 07/10/1994 4 . 5 . 0	get it				
	smg-15 07/07/1995 4 . 6 . 0	get it				

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	PT12 final draft 09/05/1994 4 . 2 . 1	get it				
	ETSI publication 10/06/1998 4 . 2 . 2	get it				

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 2	get it	<i>remarks - general:</i>			
	smg-11 01/07/1994 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	ETSI publication 19/01/1996 4 . 3 . 1	get it				

TS 02.04	General on Supplementary Services					
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 5 . 1	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 6 . 0	get it	<i>remarks - this release:</i>			
	smg-10 15/04/1994 4 . 7 . 0	get it				
	smg-12 07/10/1994 4 . 8 . 0	get it				
	smg-15 07/07/1995 4 . 9 . 0	get it				
	smg-16 20/10/1995 4 . 9 . 1	get it				

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

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	1	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	2	.	0	get it	<i>remarks - this release:</i>
smg-14	07/04/1995	4	.	3	.	0	get it	
smg-16	07/07/1995	4	.	4	.	0	get it	
smg-22	13/06/1997	4	.	5	.	0	get it	
ETSI OAP	21/07/1997	4	.	5	.	1	get it	
ETSI publication	14/01/1998	4	.	5	.	2	get it	

TS 02.07 Mobile Station (MS) Features

Ph2 *current version:* 4.8.2 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-07	25/06/1993	4	.	4	.	1	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	4	.	2	get it	<i>remarks - this release:</i>
smg-10	15/04/1994	4	.	5	.	0	get it	
smg-11	01/07/1994	4	.	6	.	0	get it	
smg-15	07/07/1995	4	.	7	.	0	get it	
smg-22	13/06/1997	4	.	8	.	0	get it	
ETSI OAP	21/07/1997	4	.	8	.	1	get it	
ETSI publication	14/01/1998	4	.	8	.	2	get it	

TS 02.09 Security aspects

Ph2 *current version:* 4.5.1 *WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version,

smg-07	25/06/1993	4	.	2	.	1	get it	<i>remarks - general:</i>
smg-12	07/10/1994	4	.	3	.	0	get it	<i>remarks - this release:</i>
smg-22	13/06/1997	4	.	4	.	0	get it	
ETSI publication	14/01/1998	4	.	4	.	1	get it	
smg-31	16/02/2000	4	.	5	.	0	get it	
ETSI publication	29/08/2000	4	.	5	.	1	get it	

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ACTIVE specs Ph2 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility					
Ph2	<i>current version:</i> 4.9.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne		France Telecom
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 5 . 1		get it	<i>remarks - general:</i>	
	smg-10 15/04/1994	4 . 6 . 0		get it	<i>remarks - this release:</i>	
	ETSI OAP 21/08/1995	4 . 7 . 0		get it		
	smg-16 20/10/1995	4 . 8 . 0		get it		
	smg-17 02/02/1996	4 . 9 . 0		get it		

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph2	<i>current version:</i> 4.7.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne		France Telecom
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 3 . 1		get it	<i>remarks - general:</i>	
	smg-12 07/10/1994	4 . 4 . 0		get it	<i>remarks - this release:</i>	
	smg-13 27/01/1995	4 . 5 . 0		get it		
	smg-30 11/11/1999	4 . 6 . 0		get it		
	ETSI publication 07/07/2000	4 . 6 . 1		get it		
	smg-08 01/10/1993	4 . 7 . 0		get it		
	ETSI publication 28/11/2000	4 . 7 . 1		get it		

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph2	<i>current version:</i> 4.3.3		<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip		ORANGE PCS LTD
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>					
	.. 30/08/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-02 30/08/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	167/92
	smg-05 25/06/1993	4 . 2 . 0		get it		98/93
	.. 30/08/2001	4 . 2 . 1		get it		
	smg-08	4 . 3 . 0				
	.. 01/10/1993	4 . 3 . 1		get it		
	.. 30/08/2001	4 . 3 . 2		get it		
	ETSI PE 01/11/1993	4 . 3 . 2		get it		
	ETSI publication 13/09/1994	4 . 3 . 3		get it		

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

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ACTIVE specs Ph2 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.24	Description of Charge Advice Information (CAI)					
Ph2	current version: 4.5.0	WG (prime / other):	S1 /	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-11b	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993			get it	remarks - general:	
	smg-08 01/10/1993			get it	remarks - this release:	
	smg-09 21/01/1994			get it		
	smg-10 15/04/1994			get it		
	smg-11 01/07/1994			get it		
	smg-15 07/07/1995			get it		
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph2	current version: 4.13.0	WG (prime / other):	S1 /	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting: smg-11b	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993			get it	remarks - general:	
	smg-08 01/10/1993			get it	remarks - this release:	
	smg-10 15/04/1994			get it		
	smg-12 07/10/1995			get it		
	smg-13 27/01/1995			get it		
TS 02.40	Procedures for Call Progress Indications					
Ph2	current version: 4.5.0	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-11b	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993			get it	remarks - general:	
	smg-09 21/01/1994			get it	remarks - this release:	
	smg-10 15/04/1994			get it		
	smg-14 07/04/1995			get it		
TS 02.41	Operator Determined Barring					
Ph2	current version: 4.5.2	WG (prime / other):	S1 /	rapporteur:	...,	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: smg-11b	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993			get it	remarks - general:	
	smg-08 01/10/1993			get it	remarks - this release:	
	ETSI PE 11/10/1993			get it		
	ETSI publication 13/09/1994			get it		

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

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ACTIVE specs Ph2 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.81 Line Identification Supplementary Services; Stage 1

Ph2 *current version:* 4.6.1 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 3 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 4 . 0 [get it](#) *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
smg-11 01/07/1994 4 . 4 . 1 [get it](#)
smg-12 07/10/1994 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 1 [get it](#)
smg-24 19/12/1997 4 . 6 . 0 [get it](#)
ETSI publication 17/06/1998 4 . 6 . 1 [get it](#)

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 2 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.2 #10: 4.5.0 #16: 4.5.2
smg-16 20/10/1995 4 . 5 . 2 [get it](#)

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:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 6 . 3 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 6 . 5 [get it](#) *remarks - this release:* #7: 4.6.3 #10: 4.6.5 #16: 4.6.7
smg-16 20/10/1995 4 . 6 . 7 [get it](#)

TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.7 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 2 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 4 . 5 [get it](#) *remarks - this release:* #7: 4.4.2 #11: 4.4.5 #16: 4.4.7
smg-16 20/10/1995 4 . 4 . 7 [get it](#)

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

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ACTIVE specs Ph2 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

Ph2 *current version:* 4.2.6
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 2
smg-16 20/10/1995 4 . 2 . 6

WG (prime / other): S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.2.2 #16: 4.2.6

TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

Ph2 *current version:* 4.1.5
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1
smg-16 01/10/1993 4 . 1 . 5

WG (prime / other): S1 / - *rapporteur:* CRAWFORD, Ian VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.1 #16: 4.1.5

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.3
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0
smg-08 01/10/1993 4 . 4 . 0
smg-16 27/01/1995 4 . 4 . 3

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.3.0 #8: 4.4.0 #16: 4.4.3
[get it](#)

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 1
smg-21 14/02/1997 4 . 1 . 0
ETSI publication 15/09/1997 4 . 1 . 1

WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #8: 4.0.1 #21: 4.1.0
[get it](#)

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions								
Ph2	current version: 4.0.4			WG (prime / other): S2 / NP	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting: smg-11b			G: yes U:	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	SMG3->SA2 @ TSG#7
	ETSI Publication 25/07/1993	4	.	0	.	4	get it	remarks - this release:	#7: 4.0.1
TS 03.02	Network Architecture								
Ph2	current version: 4.2.1			WG (prime / other): S2 / NP /	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting: smg-11b			T2	MCC: YOON, Sang-Ui				
	history (event, available, version,			G: yes U:					
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	smg-17 02/02/1996	4	.	1	.	0	get it	remarks - this release:	#7: 4.0.1 #17: 4.1.0 #18: 4.2.1
	smg-18 12/04/1996	4	.	2	.	1	get it		
TS 03.03	Numbering, Addressing and Identification								
Ph2	current version: 4.11.1			WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE LTD			
	freeze_meeting: smg-11b			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	get it	remarks - general:	
	smg-08 01/10/1993	4	.	6	.	0	get it	remarks - this release:	
	smg-09 21/01/1994	4	.	8	.	0	get it		
	smg-12 07/10/1994	4	.	9	.	0	get it		
	NP-07 17/03/2000	4	.	10	.	0	get it		
	NP-08 23/06/2000	4	.	11	.	0	get it		
	Editorial 04/01/2001	4	.	11	.	1	get it		
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers								
Ph2	current version: 4.0.4			WG (prime / other): N4 / SPA	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB			
	freeze_meeting: smg-11b			N /					
				T2	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,			G: yes U:					
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	Publication 19/01/1996	4	.	0	.	4	get it	remarks - this release:	#7: 4.0.1

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TR 03.05	Technical performance objectives								
Ph2	current version: 4.1.0			WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-11b			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0	get it	remarks - general:	
	smg-19 28/06/1996	4	.	1	.	0	get it	remarks - this release: #7: 4.0.0 #19:4.1.0	

TS 03.07	Restoration Procedures								
Ph2	current version: 4.3.1			WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD			
	freeze_meeting: smg-11b			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	2	.	0	get it	remarks - general:	
	smg-10 15/04/1994	4	.	3	.	0	get it	remarks - this release:	
	Publication 19/01/1996	4	.	3	.	1	get it		

TS 03.08	Organization of Subscriber Data								
Ph2	current version: 4.8.0			WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG			
	freeze_meeting: smg-11b			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	get it	remarks - general:	
	smg-08 01/10/1993	4	.	5	.	1	get it	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	get it		
	smg-10 15/04/1994	4	.	7	.	0	get it		
	smg-18 12/04/1996	4	.	8	.	0	get it		

TS 03.09	Handover Procedures								
Ph2	current version: 4.6.0			WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-11b			G: yes U:	MCC: JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	1	.	0	get it	remarks - general:	
	smg-08 01/10/1993	4	.	2	.	0	get it	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	
	smg-09 21/01/1994	4	.	2	.	1	get it		
	smg-10 15/04/1994	4	.	3	.	0	get it		
	smg-11 01/07/1994	4	.	4	.	0	get it		
	smg-12 07/10/1994	4	.	5	.	0	get it		
	smg-17 02/02/1996	4	.	6	.	0	get it		

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TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

Ph2 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
Publication 13/09/1994 4 . 3 . 1 [get it](#)

TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 4 . 4 . 0 [get it](#) *remarks - general:*
ETSI public 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*
enquiry
smg-09 4 . 5 . 0 [get it](#)
smg-10 4 . 6 . 0 [get it](#)
smg-11 4 . 7 . 0 [get it](#)
smg-12 24/10/2002 4 . 8 . 0 ETSI vote version [get it](#)
ETSI publication 24/10/2002 4 . 8 . 1 [get it](#)
smg-14 24/10/2002 4 . 9 . 0 ETSI oap version [get it](#)
ETSI publication 24/10/2002 4 . 9 . 1 [get it](#)
ETSI public
enquiry
smg-18 12/04/1996 4 . 10 . 1 [get it](#)

TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0*
Publication 13/09/1994 4 . 4 . 2 [get it](#)

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TS 03.13	Discontinuous Reception (DRX) in the GSM System					
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 1	get it		<i>remarks - general:</i>		
	Publication 13/09/1994 4 . 0 . 4	get it		<i>remarks - this release:</i>	#7: 4.0.1	
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ZAUS, Robert	SIEMENS AG
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-10 15/04/1994 4 . 1 . 0	get it		<i>remarks - this release:</i>	#7: 4.0.0 #10: 4.1.0	
	Publication 13/09/1994 4 . 1 . 1	get it				
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 0	get it		<i>remarks - general:</i>		
	smg-10 15/04/1994 4 . 3 . 0	get it		<i>remarks - this release:</i>	#7: 4.2.0 #10: 4.3.0	
	Publication 13/09/1994 4 . 3 . 1	get it				
<hr/>						
TS 03.16	Subscriber Data Management					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-14 07/04/1995 4 . 1 . 0	get it		<i>remarks - general:</i>		
	smg-16 20/10/1995 4 . 1 . 1	get it		<i>remarks - this release:</i>	#14: 4.1.0 #16: 4.1.1 #18: 4.2.1	
	smg-18 12/04/1996 4 . 2 . 1	get it				

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TS 03.20	Security-related Network Functions					
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>			
	smg-10 15/04/1994 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-17 02/02/1996 4 . 3 . 2	get it				
	smg-21 14/02/1997 4 . 4 . 0	get it				
	Publication 26/08/1997 4 . 4 . 1	get it				

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 4 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-09 21/01/1994 4 . 5 . 0	get it	<i>remarks - this release:</i> group receive mode".			
	smg-10 15/04/1994 4 . 6 . 0	get it				
	smg-11 01/07/1994 4 . 7 . 0	get it				
	smg-12 07/10/1994 4 . 8 . 0	get it				
	smg-14 07/04/1995 4 . 9 . 0	get it				
	smg-16 20/10/1995 4 . 10 . 0	get it				
	smg-17 02/02/1996 4 . 11 . 0	get it				

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-18 12/04/1996 4 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	smg-23 17/10/1997 4 . 3 . 0	get it				

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TR 03.30	Radio Network Planning Aspects				
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 2 . 1	get it	<i>remarks - this release:</i> #7: 4.2.0 #9: 4.2.1 #13: 4.3.0		
	smg-13 27/01/1995 4 . 3 . 0	get it			
<hr/>					
TS 03.38	Alphabets and language-specific information				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-10 15/04/1994 4 . 0 . 0	get it	<i>remarks - general:</i>		
	Publication 13/09/1994 4 . 0 . 1	get it	<i>remarks - this release:</i> #10: 4.0.0		
<hr/>					
TS 03.40	Technical realization of the Short Message Service (SMS)				
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 6 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 7 . 0	get it	<i>remarks - this release:</i>		
	smg-10 15/04/1994 4 . 8 . 1	get it			
	smg-11 01/07/1994 4 . 9 . 0	get it			
	smg-15 07/07/1995 4 . 11 . 0	get it			
	smg-16 20/10/1995 4 . 12 . 0	get it			
	smg-18 12/04/1996 4 . 13 . 0	get it			

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TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 4 . 1		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 5 . 0		get it	<i>remarks - this release:</i>				
	smg-09 21/01/1994	4 . 6 . 0		get it					
	smg-10 15/04/1994	4 . 7 . 0		get it					
	smg-11 01/07/1994	4 . 8 . 0		get it					
	smg-12 07/10/1994	4 . 9 . 0		get it					
	smg-13 27/01/1995	4 . 10 . 0		get it					
	smg-16 20/10/1995	4 . 11 . 0		get it					

TR 03.43	Support of Videotex								
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 1 . 1		get it	<i>remarks - general:</i>				
	Editorial 19/01/1996	4 . 1 . 2		get it	<i>remarks - this release:</i>				

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 0 . 0		get it	<i>remarks - general:</i>				
	Editorial 30/07/1998	4 . 0 . 1		get it	<i>remarks - this release:</i>				

TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 2 . 1		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 3 . 0		get it	<i>remarks - this release:</i>				
	smg-09 21/01/1994	4 . 3 . 1		get it					
	smg-10 15/04/1994	4 . 4 . 0		get it					
	smg-11 01/07/1994	4 . 4 . 1		get it					
	smg-14 07/04/1995	4 . 5 . 0		get it					

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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):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 0 . 2 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 1 . 0 [get it](#)
Publication 19/01/1996 4 . 1 . 2 [get it](#)

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):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 2 . 1 [get it](#)
smg-18 12/04/1996 4 . 4 . 0 [get it](#)

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):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *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*
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 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				
Ph2	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-08 01/10/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 1 . 0	get it	<i>remarks - this release:</i> #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		
	smg-15 07/07/1995 4 . 2 . 0	get it			
	smg-24 19/12/1997 4 . 3 . 0	get it			
	smg-25 20/03/1998 4 . 4 . 0	get it			
	smg-27 16/10/1998 4 . 5 . 0	get it			
	smg-28 12/02/1999 4 . 6 . 0	get it			
	Editorial 12/03/1999 4 . 6 . 1	get it			

TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)				
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".		
	smg-08 01/10/1993 4 . 0 . 1	get it	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1		
	Publication 19/01/1996 4 . 0 . 3	get it			

TS 03.81	Line Identification Supplementary Services; Stage 2				
Ph2	<i>current version:</i> 4.8.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-09 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i> #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		
	smg-10 15/04/1994 4 . 3 . 0	get it			
	smg-11 01/07/1994 4 . 4 . 0	get it			
	smg-12 07/10/1994 4 . 5 . 0	get it			
	smg-19 28/06/1996 4 . 6 . 0	get it			
	smg-24 19/12/1997 4 . 7 . 0	get it			
	smg-26 26/06/1998 4 . 8 . 0	get it			
	Editorial 26/07/1998 4 . 8 . 1	get it			

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 5 . 1 [get it](#) *remarks - this release:* #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0
smg-10 15/04/1994 4 . 6 . 0 [get it](#)
smg-12 07/10/1994 4 . 7 . 0 [get it](#)
smg-18 12/04/1996 4 . 8 . 0 [get it](#)
Editorial 12/05/1996 4 . 8 . 1 [get it](#)

TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 3 . 2 [get it](#) *remarks - this release:* #7: 4.3.0 #11: 4.3.2 #12: 4.4.0
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
Editorial 07/11/1994 4 . 4 . 1 [get it](#)

TS 03.84 Multi Party (MPPTY) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0
smg-10 15/04/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
Editorial 07/11/1994 4 . 4 . 1 [get it](#)

TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 *current version:* 4.2.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-13 27/01/1995 4 . 2 . 0 [get it](#)
Editorial 27/02/1995 4 . 2 . 1 [get it](#)

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

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ACTIVE specs Ph2 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2
current version: 4.6.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

smg-07 25/06/1993 4 . 1 . 0
smg-08 01/10/1993 4 . 2 . 0
smg-09 21/01/1994 4 . 3 . 0
smg-10 15/04/1994 4 . 4 . 0
smg-11 01/07/1994 4 . 5 . 0
smg-12 07/10/1994 4 . 6 . 0
Editorial 07/11/1994 4 . 6 . 1

[get it](#) remarks - general:
[get it](#) 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
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2
current version: 4.6.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

smg-07 25/06/1993 4 . 4 . 0
smg-10 15/04/1994 4 . 5 . 0
smg-12 07/10/1994 4 . 6 . 0
Editorial 07/11/1994 4 . 6 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0
[get it](#)
[get it](#)

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2
current version: 4.1.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 plc
G: yes U: MCC: KYMALAINEN, Kimmo

smg-08 01/10/1993 4 . 0 . 0
smg-15 07/07/1995 4 . 1 . 0
Editorial 07/08/1995 4 . 1 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release: #8: 4.0.0 #15: 4.1.0
[get it](#)

Ph2 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
ETSI publication 19/01/1996 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration
Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
ETSI publication 19/01/1996 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*

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 MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 1 . 0 [get it](#) *remarks - this release:*
Editorial 15/05/1994 4 . 1 . 1 [get it](#)

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

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
ETSI publication 13/09/1994 4 . 0 . 4 [get it](#) *remarks - this release:*

TS 04.05 Data Link (DL) Layer General Aspects
Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:*

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

3GPP specification status

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ACTIVE specs Ph2 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Ph2 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 4 . 0 [get it](#)

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 *current version:* 4.3.1 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-11b G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 3 . 0 [get it](#)
ETSI Publication 07/11/1997 4 . 3 . 1 [get it](#)

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

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ACTIVE specs Ph2 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph2 current version: 4.24.0
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

smg-07	25/06/1993	4 . 5 . 0	get it	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
smg-08	01/10/1993	4 . 6 . 0	get it	remarks - this release:	Thomasen (even numbered CRs!)
smg-09	21/01/1994	4 . 7 . 0	get it		
smg-10	15/04/1994	4 . 8 . 0	get it		
smg-11	01/07/1994	4 . 9 . 0	get it		
smg-12	07/10/1994	4 . 10 . 0	get it		
smg-14	07/04/1995	4 . 11 . 0	get it		
smg-15	07/07/1995	4 . 12 . 0	get it		
smg-16	20/10/1995	4 . 13 . 0	get it		
smg-17	02/02/1996	4 . 14 . 0	get it		
smg-18	12/04/1996	4 . 15 . 0	get it		
smg-19	28/06/1996	4 . 16 . 0	get it		
ETSI publication	09/01/1997	4 . 16 . 1	get it		
smg-20	11/10/1996	4 . 17 . 0	get it		
ETSI publication	12/05/1997	4 . 17 . 1	get it		
smg-21	14/02/1997	4 . 18 . 0	get it		
ETSI PE	15/08/1997	4 . 19 . 1	get it		
ETSI publication	31/12/1997	4 . 19 . 2	get it		
smg-23	17/10/1997	4 . 20 . 1	get it		
smg-24	19/12/1997	4 . 21 . 0	get it		
ETSI publication	26/06/1998	4 . 21 . 1	get it		
smg-25	20/03/1998	4 . 22 . 0	get it		
ETSI publication	23/10/1998	4 . 22 . 1	get it		
smg-28	12/02/1999	4 . 23 . 0	get it		
ETSI publication	05/10/1999	4 . 23 . 1	get it		
NP-18	02/01/2003	4 . 24 . 0	get it		

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

smg-07	25/06/1993	4	.	4	.	0
smg-08	01/10/1993	4	.	5	.	0
smg-09	21/01/1994	4	.	6	.	0
smg-10	15/04/1994	4	.	7	.	0
smg-11	01/07/1994	4	.	8	.	0
smg-13	27/01/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
Editorial	02/03/1996	4	.	10	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-11b

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-07	25/06/1993	4	.	3	.	0
smg-08	01/10/1993	4	.	4	.	0
smg-10	15/04/1994	4	.	5	.	0
smg-11	01/07/1994	4	.	6	.	0
smg-12	07/10/1994	4	.	7	.	0
smg-14	07/04/1995	4	.	8	.	0
smg-16	20/10/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
NP-09	04/10/2000	4	.	11	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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 MOTOROLA A/S
freeze_meeting: smg-11b

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

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	1
smg-10	15/04/1994	4	.	2	.	0
smg-11	01/07/1994	4	.	3	.	0
smg-12	07/10/1994	4	.	4	.	0
smg-16	20/10/1995	4	.	6	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0
[get it](#)
[get it](#)
[get it](#)

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TS 04.13	Performance Requirements on Mobile Radio Interface								
Ph2	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc				
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	smg-10 15/04/1994	4 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-14 07/04/1995	4 . 0 . 2		get it	<i>remarks - this release:</i> #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0				
	smg-15 07/07/1995	4 . 1 . 0		get it					
	smg-16 20/10/1995	4 . 2 . 0		get it					

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph2	<i>current version:</i> 4.6.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation				
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 2 . 1		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 3 . 0		get it	<i>remarks - this release:</i> #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				
	smg-11 01/07/1994	4 . 4 . 0		get it					
	smg-13 27/01/1995	4 . 5 . 0		get it					
	smg-14 07/04/1995	4 . 6 . 0		get it					
	published version of ETS replacing OAP v	02/03/2000 4 . 6 . 1		get it					

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	<i>current version:</i> Switching Centre (BSS - MSC) interface	4.5.1	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert				
SIEMENS AG									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 2 . 2		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 3 . 0		get it	<i>remarks - this release:</i>				
	smg-13 27/01/1995	4 . 4 . 0		get it					
	smg-25 20/03/1998	4 . 5 . 0		get it					
	Editorial 20/04/1998	4 . 5 . 1		get it					

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

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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):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 7 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 9 . 0 [get it](#) *remarks - this release:*
smg-16 20/10/1995 4 . 10 . 0 [get it](#)
ETSI publication 23/08/1996 4 . 10 . 1 [get it](#)
smg-17 02/02/1996 4 . 11 . 0 [get it](#)
ETSI publication 23/08/1996 4 . 11 . 1 [get it](#)

TS 04.81 Line Identification Supplementary Services; Stage 3

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 3 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #10: 4.3.0 #12: 4.4.0*
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
ETSI Publication 07/11/1994 4 . 4 . 1 [get it](#)

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph2 *current version:* 4.9.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 6 . 0 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 7 . 0 [get it](#) *remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0*
smg-12 07/10/1994 4 . 8 . 0 [get it](#)
smg-17 02/02/1996 4 . 9 . 0 [get it](#)
Editorial 02/03/1996 4 . 9 . 1 [get it](#)

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0*
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
Editorial 02/03/1996 4 . 6 . 1 [get it](#)

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

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TS 04.84 Multi Party (MPHY) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-09 21/01/1994 4 . 3 . 0
ETSI Publication 21/02/1994 4 . 3 . 2

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.2.0 #9: 4.3.0*
[get it](#)

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0
smg-18 12/04/1996 4 . 1 . 0
Editorial 12/05/1996 4 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.0.0 #18: 4.1.0*
[get it](#)

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-08 01/10/1993 4 . 4 . 0
smg-11 01/07/1994 4 . 5 . 0
ETSI Publication 14/03/1995 4 . 5 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0*
[get it](#)
[get it](#)

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2 *current version:* 4.7.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 6 . 0
smg-17 02/02/1996 4 . 7 . 0
Editorial 02/03/1996 4 . 7 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.6.0 #17: 4.7.0*
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ACTIVE specs Ph2 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-12 07/10/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #12: 4.1.0
Editorial 07/11/1994 4 . 1 . 1 [get it](#)

Ph2 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 3 . 0 [get it](#)
smg-13 27/01/1995 4 . 4 . 0 [get it](#)
smg-14 07/04/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 4 . 0 [get it](#) *remarks - this release:*
smg-15 07/07/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)
smg-17 02/02/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
smg-22 13/06/1997 4 . 9 . 0 [get it](#)
smg-28 12/02/1999 4 . 10 . 0 [get it](#)
ETSI Publication 22/07/1999 4 . 10 . 1 [get it](#)
GP-06 01/10/2001 4 . 11 . 0 [get it](#)

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ACTIVE specs Ph2 05 .- series
Server http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding						
Ph2	<i>current version:</i> 4.5.1						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4	.	1	.	0	get it <i>remarks - general:</i>
	smg-13 27/01/1995	4	.	2	.	0	get it <i>remarks - this release:</i> #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0
	smg-15 07/07/1995	4	.	3	.	0	get it
	smg-21 14/02/1997	4	.	4	.	0	get it
	smg-22 13/06/1997	4	.	5	.	0	get it
	Editorial 13/07/1997	4	.	5	.	1	get it

TS 05.04	Modulation						
Ph2	<i>current version:</i> 4.0.3						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4	.	0	.	0	get it <i>remarks - general:</i>
	ETSI publication 13/09/1994	4	.	0	.	3	get it <i>remarks - this release:</i>

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

Ph2 current version: 4.23.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats
G: yes U: MCC: USAI, Paulino

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-09	21/01/1994	4	.	8	.	0
smg-10	15/04/1994	4	.	9	.	0
smg-13	27/01/1995	4	.	10	.	0
smg-14	07/04/1995	4	.	11	.	0
smg-16	20/10/1995	4	.	13	.	0
smg-17	02/02/1996	4	.	14	.	0
smg-18	12/04/1996	4	.	15	.	0
smg-19	28/06/1996	4	.	16	.	0
smg-20	11/10/1996	4	.	17	.	0
smg-21	14/02/1997	4	.	18	.	0
smg-22	13/06/1997	4	.	19	.	0
smg-23	17/10/1997	4	.	20	.	0
smg-24	19/12/1997	4	.	21	.	0
smg-26	26/06/1998	4	.	22	.	0
smg-29	25/06/1999	4	.	23	.	0
ETSI Publication	17/12/1999	4	.	23	.	1

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

Ph2 current version: 4.22.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer
G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

smg-07 25/06/1993 4 . 6 . 0
smg-08 01/10/1993 4 . 7 . 0
smg-09 21/01/1994 4 . 8 . 0
smg-10 15/04/1994 4 . 9 . 0
smg-11 01/07/1994 4 . 10 . 0
smg-12 07/10/1994 4 . 11 . 0
smg-13 27/01/1995 4 . 12 . 0
smg-14 07/04/1995 4 . 13 . 0
smg-15 07/07/1995 4 . 14 . 0
smg-16 20/10/1995 4 . 15 . 0
smg-17 02/02/1996 4 . 16 . 0
smg-18 12/04/1996 4 . 17 . 0
smg-19 28/06/1996 4 . 18 . 0
smg-22 13/06/1997 4 . 19 . 0
smg-23 17/10/1997 4 . 20 . 0
smg-24 19/12/1997 4 . 21 . 0
smg-27 16/10/1998 4 . 22 . 0
ETSI Publication 09/03/1999 4 . 22 . 1

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TS 05.10 Radio subsystem synchronization

Ph2 current version: 4.9.0
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

smg-07 25/06/1993 4 . 2 . 0
smg-08 01/10/1993 4 . 3 . 0
smg-09 21/01/1994 4 . 4 . 0
smg-13 27/01/1995 4 . 5 . 0
smg-14 07/04/1995 4 . 6 . 0
smg-16 20/10/1995 4 . 7 . 0
smg-17 02/02/1996 4 . 8 . 0
smg-18 12/04/1996 4 . 9 . 0

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ACTIVE specs Ph2 05 .- series
Server http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22 Radio link management in hierarchical networks
Ph2 *current version:* 4.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-18 12/04/1996 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #18: 4.0.0

TR 05.50 Background for RF Requirements
Ph2 *current version:* 4.2.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-13 27/01/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #13: 4.1.0 #17: 4.2.0
smg-17 02/02/1996 4 . 2 . 0 [get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations
Ph2 *current version:* 4.3.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 4 . 1 . 0 *remarks - general:*
smg-08 4 . 2 . 0 *remarks - this release:*
ETSI publication 15/02/1994 4 . 2 . 1 [get it](#)
smg-15 15/08/1995 4 . 3 . 0 [get it](#)

Ph2 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
Ph2 *current version:* 4.0.7 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 2 [get it](#) *remarks - general:*
smg-23 17/10/1997 4 . 0 . 6 [get it](#) *remarks - this release:*
ETSI Publication 07/04/1998 4 . 0 . 7 [get it](#)

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it		<i>remarks - general:</i>		
	ETSI Publication 19/12/1995 4 . 0 . 2	get it		<i>remarks - this release:</i>	#13: 4.0.0	
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-16 20/10/1995 4 . 0 . 2	get it		<i>remarks - this release:</i>	#13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0	
	smg-17 02/02/1996 4 . 1 . 0	get it				
	smg-23 17/10/1997 4 . 2 . 0	get it				
	Editorial 17/11/1997 4 . 2 . 1	get it				
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-20 11/10/1996 4 . 1 . 0	get it		<i>remarks - this release:</i>	#13: 4.0.0 #20: 4.1.0 #22: 4.2.0	
	smg-22 13/06/1997 4 . 2 . 0	get it				
	Editorial 13/07/1997 4 . 2 . 1	get it				
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-16 20/10/1995 4 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#16: 4.0.0	

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Server ACTIVE specs Ph2 06 .- series
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TS 06.10	Full Rate Speech Transcoding					
Ph2	current version: 4.3.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-07 25/06/1993 4 . 0 . 0			get it	remarks - general:	
	smg-23 17/10/1997 4 . 1 . 0			get it	remarks - this release:	
	smg-32 20/06/2000 4 . 2 . 0			get it		
	Editorial 20/07/2000 4 . 2 . 1			get it		
	Correction of figure 3.2 29/06/2001 4 . 3 . 0			get it		

TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph2	current version: 4.0.6	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-07 25/06/1993 4 . 0 . 1			get it	remarks - general:	
	smg-23 17/10/1997 4 . 0 . 5			get it	remarks - this release: #7: 4.0.1 #23: 4.0.5	
	ETSI Publication 07/04/1998 4 . 0 . 6			get it		

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph2	current version: 4.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-07 25/06/1993 4 . 0 . 1			get it	remarks - general:	
	ETSI Publication 13/09/1994 4 . 0 . 4			get it	remarks - this release: #7: 4.0.1	
	SP-12 29/06/2001 4 . 1 . 0			get it		

TS 06.20	Half Rate Speech Transcoding					
Ph2	current version: 4.3.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-11b	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0			get it	remarks - general:	
	smg-14 07/04/1995 4 . 1 . 0			get it	remarks - this release: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0	
	smg-17 02/02/1996 4 . 3 . 0			get it		
	ETSI Publication 03/03/1996 4 . 3 . 1			get it		

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Server ACTIVE specs Ph2 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		
	history (event, available, version,				
	smg-13 27/01/1995 4 . 0 . 0	get it	remarks - general:		
	ETSI Publication 19/12/1995 4 . 0 . 2	get it	remarks - this release: #13: 4.0.0		
<hr/>					
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		
	history (event, available, version,				
	smg-13 27/01/1995 4 . 0 . 0	get it	remarks - general:		
	smg-15 07/07/1995 4 . 1 . 0	get it	remarks - this release: #13: 4.0.0 #15: 4.1.0		
	Editorial 07/08/1995 4 . 1 . 1	get it			
<hr/>					
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		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1	get it	remarks - general:		
	smg-23 17/10/1997 4 . 0 . 5	get it	remarks - this release: #7: 4.0.1 #23: 4.0.5		
<hr/>					
TS 06.32	Voice Activity Detection (VAD)				
Ph2	current version: 4.3.1	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-11b	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1	get it	remarks - general:		
	smg-13 27/01/1995 4 . 1 . 0	get it	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		
	smg-17 02/02/1996 4 . 2 . 0	get it			
	smg-23 17/10/1997 4 . 3 . 0	get it			
	Editorial 17/11/1997 4 . 3 . 1	get it			

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Server ACTIVE specs Ph2 06 .- series
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TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 19/02/1995 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0			
<hr/>						
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-15 07/07/1995 4 . 1 . 0	get it	<i>remarks - this release:</i> #13: 4.0.0 #15: 4.1.0			
	Editorial 07/08/1995 4 . 1 . 1	get it				
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TS 06.51	GSM Enhanced full rate speech processing functions: General description					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 4 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 31/12/1997 4 . 0 . 1	get it	<i>remarks - this release:</i> #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0			
	smg-32 28/06/2000 4 . 1 . 0	get it				
	ETSI publication 30/11/2000 4 . 1 . 1	get it				
	SP-10 20/12/2000 4 . 2 . 0	get it				
<hr/>						
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 4 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 4 . 0 . 0		get it <i>remarks - general:</i>			
	ETSI publication 29/09/1998 4 . 0 . 1		get it <i>remarks - this release:</i>			
	smg-32 20/06/2000 4 . 1 . 0		get it			
	SP-10 20/12/2000 4 . 2 . 0		get it			
<hr/>						
TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 4 . 0 . 0		get it <i>remarks - general:</i>			
			<i>remarks - this release: #22: 4.0.0</i>			
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 4 . 0 . 0		get it <i>remarks - general:</i>			
	smg-25 20/03/1998 4 . 1 . 0		get it <i>remarks - this release: #23: 4.0.1 #25: 4.1.0</i>			
	ETSI Publication 24/08/2000 4 . 1 . 1		get it			
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 4 . 0 . 0		get it <i>remarks - general:</i>			
	Editorial 13/07/1997 4 . 0 . 1		get it <i>remarks - this release: #22: 4.0.0</i>			
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 4 . 0 . 1		get it <i>remarks - general:</i>			
			<i>remarks - this release: #23: 4.0.1</i>			

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

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ACTIVE specs Ph2 06 .- series
Server http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced 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
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced 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
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial 13/07/1997 4 . 0 . 1 [get it](#) *remarks - this release: #22: 4.0.0*

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 7 . 0 [get it](#)
smg-13 27/01/1995 4 . 8 . 0 [get it](#)
smg-15 07/07/1995 4 . 9 . 0 [get it](#)
smg-16 20/10/1995 4 . 10 . 0 [get it](#)

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Server ACTIVE specs Ph2 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 4 . 2 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0*
smg-11 01/07/1994 4 . 5 . 0 [get it](#)
Editorial 01/08/1994 4 . 5 . 1 [get it](#)

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0*
Editorial 21/02/1994 4 . 5 . 1 [get it](#)

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):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 0 [get it](#)
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
smg-18 12/04/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
Editorial 11/11/1996 4 . 8 . 1 [get it](#)

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ACTIVE specs Ph2 07 .- series
Server http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-24 19/12/1997 4 . 2 . 0 [get it](#)
smg-25 20/03/1998 4 . 3 . 0 [get it](#)
smg-27 16/10/1998 4 . 4 . 0 [get it](#)
Editorial 16/11/1998 4 . 4 . 1 [get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:*

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 MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-13 27/01/1995 4 . 2 . 0 [get it](#)

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ACTIVE specs Ph2 08 .- series
Server http://www.3gpp.org/ftp/Specs/archive/08_series

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 MOTOROLA A/S
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:*

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 MOTOROLA A/S
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-09 21/01/1994 4 . 3 . 0 [get it](#)
smg-10 15/04/1994 4 . 4 . 0 [get it](#)
smg-12 07/10/1994 4 . 5 . 0 [get it](#)

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 MOTOROLA A/S
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 5 . 0 [get it](#) *remarks - this release:*
smg-09 21/01/1994 4 . 6 . 0 [get it](#)
smg-10 15/04/1994 4 . 7 . 0 [get it](#)
smg-13 27/01/1995 4 . 8 . 0 [get it](#)
smg-15 07/07/1995 4 . 9 . 0 [get it](#)
smg-16 20/10/1995 4 . 10 . 0 [get it](#)
smg-17 02/02/1996 4 . 11 . 0 [get it](#)
smg-23 17/10/1997 4 . 12 . 0 [get it](#)
ETSI Publication 23/10/1998 4 . 12 . 1 [get it](#)

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Server ACTIVE specs Ph2 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation	
	freeze_meeting: smg-11b	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 2 . 1		get it remarks - general:		
	smg-13 27/01/1995 4 . 2 . 3		get it remarks - this release:		
<hr/>					
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	MOTOROLA A/S	
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1		get it remarks - general:		
	smg-13 27/01/1995 4 . 1 . 0		get it remarks - this release:		
<hr/>					
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	MOTOROLA A/S	
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1		get it remarks - general:		
	smg-13 27/01/1995 4 . 1 . 0		get it remarks - this release:		
	smg-14 07/04/1995 4 . 2 . 0		get it		
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-07 26/06/1993 4 . 0 . 1		get it remarks - general:		
	smg-13 27/01/1995 4 . 1 . 0		get it remarks - this release:		
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
Ph2	current version: 4.0.2	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-08 01/10/1993 4 . 0 . 0		get it remarks - general:		
	ETSI Publication 13/09/1994 4 . 0 . 2		get it remarks - this release:		

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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	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		G: yes U:	MCC: THOMASEN, Gert						
<i>history (event, available, version,</i>									
smg-07	25/06/1993	4 . 3 . 0	get it	<i>remarks - general:</i>					
smg-08	01/10/1993	4 . 4 . 0	get it	<i>remarks - this release:</i>	#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				
smg-09	21/01/1994	4 . 5 . 0	get it						
smg-10	15/04/1994	4 . 6 . 0	get it						
smg-13	27/01/1995	4 . 7 . 0	get it						
smg-15	07/07/1995	4 . 8 . 0	get it						
smg-16	20/10/1995	4 . 9 . 0	get it						

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels								
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		G: yes U:	MCC: USAI, Paolino						
<i>history (event, available, version,</i>									
smg-07	25/06/1993	4 . 1 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
smg-13	27/01/1995	4 . 2 . 0	get it	<i>remarks - this release:</i>					
smg-22	13/06/1997	4 . 3 . 0	get it						
smg-23	17/10/1997	4 . 4 . 0	get it						
Editorial	17/11/1997	4 . 4 . 1	get it						

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels								
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		G: yes U:	MCC: USAI, Paolino						
<i>history (event, available, version,</i>									
smg-13	27/01/1995	4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
ETSI Publication	19/01/1996	4 . 0 . 2	get it	<i>remarks - this release:</i>					

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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ACTIVE specs Ph2 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

Ph2 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 09.02 Mobile Application Part (MAP) Specification

Ph2 *current version:* 4.19.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
smg-08 01/10/1993 4 . 5 . 0 [get it](#) *remarks - this release:*
smg-09 21/01/1994 4 . 6 . 0 [get it](#)
smg-10 15/04/1994 4 . 7 . 0 [get it](#)
smg-11 01/07/1994 4 . 8 . 0 [get it](#)
smg-12 07/10/1994 4 . 9 . 0 [get it](#)
smg-13 27/01/1995 4 . 10 . 0 [get it](#)
smg-14 07/04/1995 4 . 11 . 0 [get it](#)
smg-16 20/10/1995 4 . 12 . 0 [get it](#)
smg-17 02/02/1996 4 . 13 . 0 [get it](#)
smg-19 28/06/1996 4 . 14 . 0 [get it](#)
smg-20 11/10/1996 4 . 15 . 0 [get it](#)
smg-21 14/02/1997 4 . 16 . 0 [get it](#)
smg-22 13/06/1997 4 . 17 . 0 [get it](#)
smg-23 17/10/1997 4 . 18 . 0 [get it](#)
NP-08 23/06/2000 4 . 19 . 0 [get it](#)
ETSI Publication 04/01/2001 4 . 19 . 1 [get it](#)

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):* N3 /- *rapporteur:* BOSWARTHICK, David
ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".
smg-09 21/01/1994 4 . 0 . 1 [get it](#) *remarks - this release:* #8: 4.0.0 #9: 4.0.1
ETSI Publication 14/03/1995 4 . 0 . 3 [get it](#)

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 0 . 0	<u>get it</u>	<i>remarks - general:</i> N3: "no R99 needed".		
	smg-08 01/10/1993	4 . 0 . 1	<u>get it</u>	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1 #9: 4.0.2		
	smg-09 21/01/1994	4 . 0 . 2	<u>get it</u>			
<hr/>						
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access					
Ph2	<i>current version:</i> 4.4.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 3 . 0	<u>get it</u>	<i>remarks - general:</i> N3: "no R99 needed".		
	smg-08 01/10/1993	4 . 4 . 0	<u>get it</u>	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #9: 4.4.1		
	smg-09 21/01/1994	4 . 4 . 1	<u>get it</u>			
	ETSI Publication 13/09/1994	4 . 4 . 2	<u>get it</u>			
<hr/>						
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	<i>current version:</i> Switched Data Transmission Services	4.5.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David	
ETSI Secretariat						
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
<i>history (event, available, version,</i>						
	smg-07 25/06/1993	4 . 3 . 0	<u>get it</u>	<i>remarks - general:</i> N3: "no R99 needed".		
	smg-09 21/01/1994	4 . 4 . 0	<u>get it</u>	<i>remarks - this release:</i> #7: 4.3.0 #9: 4.4.0 #12: 4.5.0		
	smg-12 07/10/1994	4 . 5 . 0	<u>get it</u>			

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ACTIVE specs Ph2 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

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):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-11b		G: yes	U:		MCC:	BOSWARTHICK, David		
	history (event, available, version,								
	smg-07 25/06/1993	4 . 4 . 0				get it	remarks - general:		
	smg-08 01/10/1993	4 . 5 . 0				get it	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	
	smg-09 21/01/1994	4 . 6 . 0				get it			
	smg-10 15/04/1994	4 . 7 . 0				get it			
	smg-13 27/01/1995	4 . 8 . 0				get it			
	smg-14 07/04/1995	4 . 9 . 0				get it			
	smg-16 20/10/1995	4 . 10 . 0				get it			
	smg-18 12/04/1996	4 . 11 . 0				get it			
	smg-20 11/10/1996	4 . 12 . 0				get it			
	smg-27 16/10/1998	4 . 13 . 0				get it			
	ETSI Publication 23/03/1999	4 . 13 . 1				get it			
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):	N1 / -		rapporteur:	FARHOUMAND, Ericsson Incorporated		
	freeze_meeting: smg-11b						Rouzbeh		
			G: yes	U:		MCC:	JORGENSEN, Per Johan		
	history (event, available, version,								
	smg-09 21/01/1994	4 . 0 . 0				get it	remarks - general:		
	smg-13 27/01/1995	4 . 1 . 0				get it	remarks - this release:	#9: 4.0.0 #13: 4.1.0	
	Editorial 27/02/1995	4 . 1 . 1				get it			
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):	N4	/-	rapporteur:	KYMALAINEN, Kimmo		
TeliaSonera AB									
	freeze_meeting: smg-11b		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	smg-08 01/10/1993	4 . 0 . 0				get it	remarks - general:		
	smg-09 21/01/1994	4 . 1 . 0				get it	remarks - this release:	#8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0	
	smg-10 15/04/1994	4 . 2 . 0				get it			
	smg-17 02/02/1996	4 . 3 . 0				get it			
	smg-23 17/10/1997	4 . 4 . 0				get it			
	Editorial 17/11/1997	4 . 4 . 1				get it			

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

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Server ACTIVE specs Ph2 09 .- series
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TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *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
smg-09 21/01/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-19 28/06/1996 4 . 6 . 0 [get it](#)
Editorial 28/07/1996 4 . 6 . 1 [get it](#)

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

Ph2 *current version:* 4.2.2 *WG (prime / other):* SPA / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-11b *G: yes U:* *MCC:*

history (event, available, version,
smg-17 4 . 0 . 0 *remarks - general:* EN 300 646
ETSI vote 06/02/1997 4 . 1 . 0 [get it](#) *remarks - this release:* smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.
ETSI publication 16/05/1997 4 . 1 . 1 [get it](#)
smg-22 13/06/1997 4 . 2 . 1 [get it](#)
ETSI publication 26/05/1999 4 . 2 . 2 [get it](#)

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-15 07/07/1995 4 . 5 . 0 [get it](#) *remarks - general:*
smg-16 ? 20/10/1995 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-18 12/04/1996 4 . 7 . 0 [get it](#)
smg-19 28/06/1996 4 . 8 . 0 [get it](#)
smg-22 13/06/1997 4 . 9 . 0 [get it](#)

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):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 15/05/1994 4 . 0 . 1 [get it](#) *remarks - this release:* #10: 4.0.0

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

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ACTIVE specs Ph2 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
Ph2	<i>current version:</i> 4.6.1								
	<i>freeze_meeting:</i> smg-11b								
<i>history (event, available, version,</i>									
smg-14	07/04/1995	4	.	0	.	0	get it	<i>remarks - general:</i>	
smg-15	07/07/1995	4	.	1	.	0	get it	<i>remarks - this release:</i>	v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.
smg-16	20/10/1995	4	.	2	.	0	get it		
smg-19	28/06/1996	4	.	3	.	0	get it		
smg-23	17/10/1997	4	.	4	.	0	get it		
smg-30	11/11/1999	4	.	5	.	0	get it		
NP-16	26/06/2002	4	.	6	.	0	get it		
edito post NP-18	16/12/2002	4	.	6	.	1	get it		minor editorials to change style from TS to TR.

Ph2 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

3GPP specification status

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ACTIVE specs Ph2 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

Ph2 *current version:* 4.29.0 *WG (prime / other):* G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16	20/10/1995	4 . 13 . 0	get it	<i>remarks - general:</i>	R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-17	02/02/1996	4 . 14 . 0	get it	<i>remarks - this release:</i>	#31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.					
smg-18	12/04/1996	4 . 15 . 0	get it		
smg-19	28/06/1996	4 . 16 . 0	get it		
smg-20	11/10/1996	4 . 17 . 0	get it		
smg-21	14/02/1997	4 . 18 . 0	get it		
smg-22	13/06/1997	4 . 19 . 0	get it		
smg-23	17/10/1997	4 . 20 . 0	get it		
smg-24	19/10/1997	4 . 21 . 0	get it		
smg-25	20/03/1998	4 . 22 . 0	get it		
smg-26	26/06/1998	4 . 23 . 1	get it		
smg-27	16/10/1998	4 . 24 . 0	get it		
smg-28	12/02/1999	4 . 25 . 0	get it		
smg-29	25/06/1999	4 . 26 . 0	get it		
smg-30	11/11/1999	4 . 27 . 0	get it		
smg-31	16/02/2000	4 . 28 . 0	get it		
ETSI Publication	08/09/2000	4 . 28 . 1	get it		
GP-06	06/09/2001	4 . 29 . 0	get it		

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):* G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16	20/10/1995	4 . 13 . 0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
smg-17	02/02/1996	4 . 14 . 0	get it	<i>remarks - this release:</i>	GP-06: Rel-4 serves all releases.
smg-18	12/04/1996	4 . 15 . 0	get it		
GP-06	06/09/2001	4 . 16 . 0	get it		

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

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Server ACTIVE specs Ph2 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: 4.34.0
freeze_meeting: smg-11b

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /
T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16	20/10/1995	4 . 13 . 0	get it	remarks - general: 2001-11-19: G4->G5.
smg-17	02/02/1996	4 . 14 . 0	get it	remarks - this release: GP-06: Rel-4 serves all releases.
smg-18	12/04/1996	4 . 15 . 0	get it	
smg-19	28/06/1996	4 . 16 . 0	get it	
ETSI publication	27/01/1997	4 . 16 . 1	get it	
smg-20	11/10/1996	4 . 17 . 0	get it	
ETSI publication	04/06/1997	4 . 17 . 1	get it	
smg-21	14/02/1997	4 . 18 . 0	get it	
ETSI publication	11/09/1997	4 . 18 . 1	get it	
smg-22	13/06/1997	4 . 19 . 0	get it	
ETSI publication	02/02/1998	4 . 19 . 1	get it	
smg-23	17/10/1997	4 . 20 . 0	get it	
ETSI publication	11/05/1998	4 . 20 . 1	get it	
smg-24	19/12/1997	4 . 21 . 0	get it	
ETSI publication	24/08/1998	4 . 21 . 1	get it	
smg-25	20/03/1998	4 . 22 . 0	get it	
ETSI publication	23/10/1998	4 . 22 . 1	get it	
smg-26	26/06/1998	4 . 23 . 0	get it	
ETSI publication	16/12/1998	4 . 23 . 1	get it	
smg-27	16/10/1998	4 . 24 . 0	get it	
ETSI publication	08/04/1999	4 . 24 . 1	get it	
smg-28	12/02/1999	4 . 25 . 0	get it	
ETSI publication	25/08/1999	4 . 25 . 1	get it	
smg-29	25/06/1999	4 . 26 . 0	get it	
ETSI publication	23/12/1999	4 . 26 . 1	get it	
smg-30	11/11/1999	4 . 27 . 0	get it	
ETSI publication	23/06/2000	4 . 27 . 1	get it	
smg-31	16/02/2000	4 . 28 . 0	get it	
ETSI publication	05/10/2000	4 . 28 . 1	get it	
smg-32	20/06/2000	4 . 29 . 0	get it	
GP-02	01/12/2000	4 . 30 . 0	get it	
GP-03	25/01/2001	4 . 31 . 0	get it	

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

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Server ACTIVE specs Ph2 11 .- series
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GP-04	11/04/2001	4 . 32 . 0	get it
GP-05	28/06/2001	4 . 33 . 0	get it
GP-06	06/09/2001	4 . 34 . 0	get it

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph2 current version: 4.21.1

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
G: yes U: MCC: DIETZE, Claus

comments): freeze_meeting:

history (event, available, version,

smg-07	25/06/1993	4 . 8 . 0	get it	remarks - general:
smg-08	01/10/1993	4 . 9 . 0	get it	remarks - this release:
smg-09	21/01/1994	4 . 10 . 0	get it	
smg-10	15/04/1994	4 . 11 . 0	get it	
smg-11	01/07/1994	4 . 12 . 0	get it	
smg-12	07/10/1994	4 . 13 . 0	get it	
smg-13	27/01/1995	4 . 14 . 0	get it	
smg-15	07/04/1995	4 . 15 . 0	get it	
smg-16	20/10/1995	4 . 16 . 0	get it	
smg-18	12/04/1996	4 . 17 . 0	get it	
smg-19	28/06/1996	4 . 18 . 0	get it	
smg-22	13/06/1997	4 . 19 . 0	get it	
smg-25	20/03/1998	4 . 20 . 0	get it	
smg-29	25/06/1999	4 . 21 . 0	get it	
ETSI Publication	17/12/1999	4 . 21 . 1	get it	

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

Ph2 current version: 4.3.1

WG (prime / other): T3 / - rapporteur: LINDHOLM, Rune NOKIA MOBILE PHONES
G: yes U: MCC: DIETZE, Claus

freeze_meeting: smg-11b

history (event, available, version,

smg-15	07/07/1995	4 . 0 . 0	get it	remarks - general:
smg-17	02/02/1996	4 . 1 . 0	get it	remarks - this release:
ETSI vote	05/08/1996	4 . 1 . 1	get it	
ETSI publication	19/12/1996	4 . 1 . 2	get it	
smg-21	14/02/1997	4 . 2 . 0	get it	
ETSI publication	26/08/1997	4 . 2 . 1	get it	
smg-23	17/10/1997	4 . 3 . 0	get it	
ETSI publication	07/04/1998	4 . 3 . 1	get it	

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

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
Ph2	<i>current version:</i> 4.14.1	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-11 01/07/1994 4 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-12 07/10/1994 4 . 1 . 0		get it	<i>remarks - this release:</i>	
	smg-13 27/01/1995 4 . 2 . 0		get it		
	smg-15 07/07/1995 4 . 3 . 0		get it		
	smg-16 20/10/1995 4 . 4 . 0		get it		
	smg-17 02/02/1996 4 . 5 . 0		get it		
	smg-18 12/04/1996 4 . 6 . 0		get it		
	smg-20 11/10/1996 4 . 7 . 0		get it		
	smg-22 13/06/1997 4 . 8 . 0		get it		
	smg-23 17/10/1997 4 . 9 . 0		get it		
	smg-25 20/03/1998 4 . 10 . 0		get it		
	smg-26 26/06/1998 4 . 11 . 0		get it		
	smg-27 16/10/1998 4 . 12 . 0		get it		
	smg-28 12/02/1999 4 . 13 . 0		get it		
	smg-29 25/06/1999 4 . 14 . 0		get it		
	ETSI Publication 17/12/1999 4 . 14 . 1		get it		

TR 11.22	GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	<to be defined> 4 . 0 . 0			<i>remarks - general:</i>	
	smg-21 14/02/1997 4 . 1 . 3		get it	<i>remarks - this release:</i> .	
	smg-31 bis 17/04/2000 4 . 2 . 0		get it		

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Server ACTIVE specs Ph2 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):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-11	01/07/1994	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
smg-16	20/10/1995	4	.	2	.	0
smg-17	02/02/1996	4	.	3	.	0
smg-18	12/04/1996	4	.	4	.	0
smg-19	28/06/1996	4	.	5	.	0
smg-21	14/02/1997	4	.	6	.	0
smg-22	13/06/1997	4	.	7	.	0
smg-23	17/10/1997	4	.	8	.	0
smg-25	20/03/1998	4	.	9	.	0
Editorial	20/10/1998	4	.	9	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release: Not progressed to Ph2+ because no regulatory requirement.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-14	07/04/1995	4	.	0	.	0
smg-20	11/10/1996	4	.	1	.	0
smg-25	20/03/1998	4	.	2	.	0
smg-27	16/10/1998	4	.	3	.	0
Editorial correction	16/10/1998	4	.	3	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

[get it](#)

[get it](#)

[get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-15	07/07/1995	4	.	0	.	0
smg-17	02/02/1996	4	.	1	.	0
smg-18	12/04/1996	4	.	2	.	0
smg-20	11/10/1996	4	.	2	.	2

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

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

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Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 2 . 0 [get it](#)
smg-15 07/07/1995 4 . 3 . 0 [get it](#)
smg-16 20/10/1995 4 . 4 . 0 [get it](#)
smg-17 02/02/1996 4 . 5 . 0 [get it](#)
smg-23 17/10/1997 4 . 6 . 0 [get it](#)

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
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 2 . 0 [get it](#)
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-17 02/02/1996 4 . 4 . 0 [get it](#)
Editorial 02/02/1996 4 . 4 . 1 [get it](#)

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
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-09 21/01/1994 4 . 2 . 0 [get it](#)
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-15 07/07/1995 4 . 4 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 0 [get it](#)
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
Editorial 02/02/1996 4 . 6 . 1 [get it](#)

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

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ACTIVE specs Ph2 12 .- series
Server http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
Ph2	<i>current version:</i> 4.2.1					
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version,</i>					
	smg-11 01/07/1994	4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-14 07/04/1995	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-17 02/02/1996	4 . 2 . 0	get it			
	Editorial 02/02/1996	4 . 2 . 1	get it			
<hr/>						
TS 12.04	Performance data measurements					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version,</i>					
	smg-08 01/10/1993	4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-11 01/07/1994	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-13 27/01/1995	4 . 2 . 0	get it			
	smg-17 02/02/1996	4 . 3 . 0	get it			
	Editorial correction 02/02/1996	4 . 3 . 1	get it			
<hr/>						
TS 12.05	Subscriber Related Call and Event Data					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version,</i>					
	smg-08 01/10/1993	4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-11 01/07/1994	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-15 07/07/1995	4 . 1 . 1	get it			
	smg-17 02/02/1996	4 . 2 . 0	get it			
	smg-22 13/06/1997	4 . 3 . 0	get it			
	Editorial correction 13/06/1997	4 . 3 . 1	get it			

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

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1 *WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-11 01/07/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-12 07/10/1994 4 . 0 . 1 [get it](#) *remarks - this release:*
smg-17 02/02/1996 4 . 1 . 0 [get it](#)
Editorial correction 02/02/1996 4 . 1 . 1 [get it](#)

TS 12.08 Subscriber and Equipment trace

Ph2 *current version:* 4.6.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-12 07/10/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-14 07/04/1995 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-16 20/10/1995 4 . 2 . 0 [get it](#)
smg-18 12/04/1996 4 . 3 . 0 [get it](#)
smg-20 11/10/1996 4 . 4 . 0 [get it](#)
smg-22 13/06/1997 4 . 5 . 0 [get it](#)
smg-23 17/10/1997 4 . 6 . 0 [get it](#)
ETSI publication 30/10/2001 4 . 6 . 1 [get it](#)

TS 12.11 Fault management of the Base Station System (BSS)

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-26 26/06/1998 4 . 2 . 0 [get it](#) *remarks - general:*
Editorial correction 26/06/1998 4 . 2 . 1 [get it](#) *remarks - this release:*

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

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.20 Base Station System (BSS) Management Information

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-09 21/01/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0
smg-13 27/01/1995 4 . 1 . 1 [get it](#)
smg-17 02/02/1996 4 . 2 . 0 [get it](#)
Editorial correction 02/02/1996 4 . 2 . 1 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-09 21/01/1994 4 . 3 . 0 [get it](#)
smg-11 01/07/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 2 [get it](#)
ETSI publication 4 . 5 . 4
smg-21 14/02/1997 4 . 6 . 0 [get it](#)

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):* G3 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-11 01/07/1994 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-13 27/01/1995 4 . 1 . 0 [get it](#) *remarks - this release:*
PE88 24/07/1995 4 . 1 . 1 [get it](#)
smg-16 20/10/1995 4 . 1 . 2 [get it](#)
V100 25/03/1996 4 . 1 . 3 [get it](#)
ETSI publication 04/09/1996 4 . 1 . 4 [get it](#)

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

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ACTIVE specs Ph2 12 .- series
Server http://www.3gpp.org/ftp/Specs/archive/12_series

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
history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #10: 4.0.0 #11: 4.1.0 #15: 4.2.0
smg-15 07/07/1995 4 . 2 . 0 [get it](#)

Ph2 TB .- series Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
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)

TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
remarks - general:
remarks - this release: #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
remarks - general:
remarks - this release: #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

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

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Server ACTIVE specs Ph2 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

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
history (event, available, version,

remarks - general:
remarks - this release: #17: 4.0.0

Ph1-EXT

Ph1-EXT 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
freeze_meeting: GP Sebastien
G: yes U: MCC: POPE, Maurice
history (event, available, version,
smg-07 01/01/1995 3 . 0 . 0

get it *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-EXT 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: MCC: JORGENSEN, Per Johan
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

get it *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: Thomasen (even numbered CRs!)

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

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Server ACTIVE specs Ph1-EXT 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

Ph1-EXT 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-07 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-DCS

Ph1-DCS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)

Ph1-DC *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: CLAYTON, Michael
G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
10/05/1994 3 . 1 . 0 [get it](#) *remarks - this release: .*
10/01/1994 3 . 2 . 0 [get it](#)

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ACTIVE specs Ph1-DC 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11 Service Accessibility

Ph1-DC *current version:* 3.1.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release:

Ph1-DCS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12 Location Registration Procedures

Ph1-DC *current version:* 3.0.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-DC *current version:* 3.1.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: . Thomasen (even numbered CRs!)

Ph1-DCS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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ACTIVE specs Ph1-DC 05 .- series
Server http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1-DC *current version:* 3.0.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: MCCA: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*
remarks - this release: .

TS 05.05 Radio Transmission and Reception

Ph1-DC *current version:* 3.3.0
freeze_meeting:
history (event, available, version,
smg-07 3 . 2 . 0
smg-08 01/01/1995 3 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: MCCA: USAI, Paolino

remarks - general:
[get it](#) *remarks - this release:*

TS 05.08 Radio Subsystem Link Control

Ph1-DC *current version:* 3.0.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: MCCA: USAI, Paolino

VODAFONE Group Plc

[get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1-DC *current version:* 3.0.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels
G: yes U: Peter Skov
MCCA: THOMASEN, Gert

MOTOROLA A/S

[get it](#) *remarks - general:*
remarks - this release: .

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

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Server ACTIVE specs Ph1-DC 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

Ph1-DCS 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

Ph1-DC current version: 0.0.0 DRAFT
freeze_meeting:
history (event, available, version,
03/03/1993 0 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
remarks - this release:

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-DC current version: Procedures and the Mobile Application Part (MAP)
TeliaSonera AB

3.0.0WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
remarks - this release: .

Ph1-DCS 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

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ACTIVE specs Ph1-DC 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1-DC *current version:* 3.23.1
freeze_meeting:

WG (prime / other): G4 / S1 / *rapporteur:* LEGRAND, Walter EADS TELECOM

G5 /
NP /
T2 /
SCP

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

history (event, available, version,

smg-02		3	.	2	.	0
smg-03		3	.	3	.	0
smg-04bis		3	.	4	.	0
smg-05		3	.	5	.	0
smg-06	28/06/1995	3	.	6	.	0
smg-07	07/06/1996	3	.	7	.	0
smg-08	07/06/1996	3	.	8	.	0
smg-09	07/06/1996	3	.	9	.	0
smg-10	07/06/1996	3	.	10	.	0
smg-11	07/06/1996	3	.	11	.	0
smg-12	07/06/1996	3	.	12	.	0
smg-13	07/06/1996	3	.	13	.	0
last known	01/12/1996	3	.	23	.	1

remarks - general:
remarks - this release:

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

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1-DC *current version:* 3.3.4
freeze_meeting:

WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
G: yes U: *MCC:* DIETZE, Claus

history (event, available, version,

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	21/02/1994	3	.	3	.	4

remarks - general:
remarks - this release:

[get it](#)

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

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ACTIVE specs Ph1-DC 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1-DC *current version:* 3.13.0

freeze_meeting:

history (event, available, version,

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	01/01/1995	3	.	13	.	0

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: MCC: USAI, Paolino

remarks - general:
remarks - this release:

[get it](#)

TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1-DC *current version:* 3.3.0

freeze_meeting:

history (event, available, version,

smg-04	3	.	2	.	0	
smg-11	13/11/1995	3	.	3	.	0

WG (prime / other): G4 / - *rapporteur:*
G: yes U: MCC: CLAYTON, Michael

remarks - general:
remarks - this release: #4: 3.2.0 #11: 3.3.0

[get it](#)

Ph1

Ph1

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

3GPP specification status

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ACTIVE specs Ph1 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Ph1 *current version:* 3.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: *G:* yes *U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-20 3 . 0 . 0 Created from 41.103. *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: gsm-25b *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
gsm-29 2 . 0 . 3 *remarks - general:*
smg-12 07/10/1994 3 . 0 . 0 *remarks - this release:* .
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#)
[get it](#)

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: gsm-25b *G:* yes *U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-18 10/04/1996 3 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - this release:* .
PT12 release 15/02/1992 3 . 2 . 0 [get it](#)

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 Limited
freeze_meeting: gsm-25b *G:* yes *U:* *MCC:* CLAYTON, Michael
history (event, available, version,
CEPT GSM doc 15/01/1990 3 . 1 . 1 [get it](#) *remarks - general:*
CEPT GSM doc 15/07/1991 3 . 2 . 0 [get it](#) *remarks - this release:* .

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

3GPP specification status

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	CEPT GSM doc 03/01/1991 3 . 4 . 0	get it	<i>remarks - general:</i>			
	edito 22/07/1998 3 . 4 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.04	General on Supplementary Services					
Ph1	<i>current version:</i> 3.7.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	- 24/07/1998 3 . 7 . 0	get it	<i>remarks - general:</i>			
	CEPT GSM doc 03/01/1991 3 . 7 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 2 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 02.07	Mobile Station (MS) Features					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	- 10/05/1994 3 . 3 . 0	get it	<i>remarks - general:</i>			
	- 10/05/1994 3 . 4 . 0	get it	<i>remarks - this release:</i> .			
	ETSI publication 01/01/1995 3 . 4 . 1	get it				
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TS 02.09	Security aspects					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON, Per	Telia Promotor AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 1 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility	Ph1 current version: 3.7.0 freeze_meeting: gsm-25b history (event, available, version, ETSI publication 01/01/1995 3 . 7 . 0	WG (prime / other): S1 / - G: yes U: get it	rapporteur: EVEN, Anne MCC: CLAYTON, Michael	France Telecom	remarks - general: remarks - this release:
TS 02.16	International Mobile Station Equipment Identities (IMEI)	Ph1 current version: 3.0.1 freeze_meeting: gsm-25b history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1	WG (prime / other): S1 / - G: yes U: get it	rapporteur: EVEN, Anne MCC: CLAYTON, Michael	France Telecom	remarks - general: remarks - this release: .
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics	Ph1 current version: 3.2.0 freeze_meeting: gsm-25b history (event, available, version, .. 30/08/2001 3 . 1 . 2 .. 04/01/2002 3 . 2 . 0 ETSI publication 01/01/1995 3 . 2 . 0	WG (prime / other): T3 / S1 G: yes U: get it get it get it	rapporteur: HOOKER, Philip MCC: DIETZE, Claus	ORANGE PCS LTD	remarks - general: remarks - this release: .
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics	Ph1 current version: 3.2.0 freeze_meeting: gsm-25b history (event, available, version, .. 30/08/2001 3 . 1 . 2 .. 04/01/2002 3 . 2 . 0 ETSI publication 01/01/1995 3 . 2 . 0	WG (prime / other): T3 / S1 G: yes U: get it get it get it	rapporteur: HOOKER, Philip MCC: DIETZE, Claus	ORANGE PCS LTD	remarks - general: remarks - this release: .
TS 02.20	Collection charges	Ph1 current version: 3.0.1 freeze_meeting: gsm-25b history (event, available, version, 06/05/1992: 09/10/1997 3 . 0 . 1	WG (prime / other): S1 / G: yes U: get it	rapporteur: N, A MCC: CLAYTON, Michael	Indicate persons who left Company and wait for new One	remarks - general: remarks - this release:

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				ACTIVE specs		Ph1	02	.- series
						Server	http://www.3gpp.org/ftp/Specs/archive/02_series	
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)							
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	JEAL, David			VODAFONE Group Plc
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 9 . 0	get it		<i>remarks - general:</i>				
				<i>remarks - this release:</i>				
TS 02.40	Procedures for Call Progress Indications							
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S1 / NP	<i>rapporteur:</i>	DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 0	get it		<i>remarks - general:</i>				
				<i>remarks - this release:</i>				
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1							
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	EVEN, Anne			France Telecom
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 6 . 1	get it		<i>remarks - general:</i>				
				<i>remarks - this release:</i>				
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1							
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CONRAD, Alan			T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 6 . 1	get it		<i>remarks - general:</i>				
				<i>remarks - this release:</i>				

Ph1

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
Ph1	<i>current version:</i> 3.1.1					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 1				
			<u>get it</u>	<i>remarks - general:</i> SMG3->SA2 @ TSG#7		
				<i>remarks - this release:</i> .		
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TS 03.02	Network Architecture					
Ph1	<i>current version:</i> 3.1.4					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 4				
			<u>get it</u>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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TS 03.03	Numbering, Addressing and Identification					
Ph1	<i>current version:</i> 3.6.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 6 . 0				
			<u>get it</u>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
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TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph1	<i>current version:</i> 3.1.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 0				
			<u>get it</u>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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TR 03.05	Technical performance objectives					
Ph1	<i>current version:</i> 3.2.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 2 . 0				
			<u>get it</u>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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ACTIVE specs Ph1 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures								
Ph1	<i>current version:</i> 3.2.1								
	<i>freeze_meeting:</i> gsm-25b								
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3	.	2	.	1			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 03.08	Organization of Subscriber Data								
Ph1	<i>current version:</i> 3.7.0								
	<i>freeze_meeting:</i> gsm-25b								
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3	.	7	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
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TS 03.09	Handover Procedures								
Ph1	<i>current version:</i> 3.2.1								
	<i>freeze_meeting:</i> gsm-25b								
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3	.	2	.	1			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types								
Ph1	<i>current version:</i> 3.3.0								
	<i>freeze_meeting:</i> gsm-25b								
	<i>history (event, available, version,</i>								
	gsm4 06/05/2003	2	.	0	.	0	Jan 1988	get it	<i>remarks - general:</i>
	gsm4 06/05/2003	3	.	0	.	0	Feb 1988	get it	<i>remarks - this release:</i>
	gsm4 06/05/2003	3	.	1	.	0	Jul 1988	get it	
	gsm4 06/05/2003	3	.	2	.	0	Nov 1988	get it	
	ETSI publication 01/01/1995	3	.	3	.	0		get it	

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.11	Technical Realization of Supplementary Services - General Aspects					
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 1				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 03.12	Location Registration Procedures					
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 3 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 2				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 2				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 03.20	Security-related Network Functions					
Ph1	<i>current version:</i> 3.3.2	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 3 . 2				get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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Server ACTIVE specs Ph1 03 .- series
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TS 03.40 Technical realization of the Short Message Service (SMS)

Ph1 *current version:* 3.7.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
gsm4 06/05/2003 2 . 1 . 0 Sep 1988 [get it](#) *remarks - general:*
gsm4 06/05/2003 2 . 1 . 1 Nov 1988 [get it](#) *remarks - this release:*
gsm4 06/05/2003 3 . 0 . 0 Apr 1989 [get it](#)
gsm4 06/05/2003 3 . 4 . 0 Jan 1990 [get it](#)
gsm4 06/05/2003 3 . 4 . 1 Oct 1990 [get it](#)
gsm4 06/05/2003 3 . 5 . 0 Feb 1992 [get it](#)
smg-08 05/09/1997 3 . 6 . 0 [get it](#)
smg-09 01/01/1995 3 . 7 . 0 [get it](#)

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph1 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
gsm4 06/05/2003 1 . 1 . 1 Sep 1988 [get it](#) *remarks - general:*
gsm4 06/05/2003 1 . 2 . 1 Nov 1988 [get it](#) *remarks - this release:* .
gsm4 06/05/2003 2 . 0 . 0 Jan 1988 - rejected GSM-17b [get it](#)
gsm4 06/05/2003 3 . 2 . 0 Jan 1990 [get it](#)
gsm4 06/05/2003 3 . 2 . 1 Oct 1990 [get it](#)
gsm4 06/05/2003 3 . 3 . 0 Jan 1991 [get it](#)
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#)

TR 03.43 Support of Videotex

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
gsm4 06/05/2003 1 . 0 . 1 Jun 1988 [get it](#) *remarks - general:*
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - this release:* .

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ACTIVE specs Ph1 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	gsm4 06/05/2003 1 . 0 . 0 Sep 1988	get it	<i>remarks - general:</i>						
	gsm4 06/05/2003 1 . 1 . 0 Nov 1988	get it	<i>remarks - this release:</i> .						
	gsm4 06/05/2003 2 . 0 . 0	get it							
	ETSI publication 01/01/1995 3 . 0 . 1	get it							
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TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	gsm 06/05/2003 1 . 0 . 0 Sep 1988	get it	<i>remarks - general:</i>						
	gsm 06/05/2003 2 . 0 . 0 Jan 1989	get it	<i>remarks - this release:</i>						
	smg-05 3 . 2 . 0								
	ETSI publication 01/01/1995 3 . 3 . 0 exists in PDF only	get it							
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TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version,</i>								
	09/10/1997 3 . 0 . 1	get it	<i>remarks - general:</i> SMG9->T3@#31						
			<i>remarks - this release:</i> .						

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ACTIVE specs Ph1 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System								
Ph1	<i>current version:</i> 3.4.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3	.	4	.	0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #4: 3.2.2 #8: 3.3.0 #11: 3.4.0
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TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)								
Ph1	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	gsm4 06/05/2003	1	.	0	.	0	Jul 1988	get it	<i>remarks - general:</i> N3: "no R99 needed".
	gsm4 06/05/2003	2	.	0	.	0	Sep 1988	get it	<i>remarks - this release:</i> .
	ETSI publication 01/01/1995	3	.	0	.	0		get it	
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TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2								
Ph1	<i>current version:</i> 3.2.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3	.	2	.	1		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 03.88	Call Barring (CB) supplementary services; Stage 2								
Ph1	<i>current version:</i> 3.2.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> gsm-25b			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3	.	2	.	1		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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	Ph1			04 .- series			Server location:	http://www.3gpp.org/ftp/Specs/archive/04_series	
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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
Ph1 *current version:* 3.0.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration
Ph1 *current version:* 3.0.2 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - general:*
remarks - this release: .

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 MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 3 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.04 Layer 1 - General Requirements
Ph1 *current version:* 3.3.4 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
ETSI publication 01/01/1995 0 . 0 . 0
3 . 3 . 4 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.05 Data Link (DL) Layer General Aspects
Ph1 *current version:* 3.1.5 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 5 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Ph1 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	G: yes U:	MCC: THOMASEN, Gert		
	ETSI publication 01/01/1995 3 . 9 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects				
Ph1	<i>current version:</i> 3.3.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 3 . 3		<i>remarks - this release:</i> .		
<hr/>					
TS 04.08	Mobile radio interface layer 3 specification				
Ph1	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert		
	ETSI publication 01/01/1995 3 . 13 . 0	get it	<i>remarks - this release:</i> . Thomasen (even numbered CRs!)		
	ETSI publication 15/09/1997 3 . 14 . 0				
<hr/>					
TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
Ph1	<i>current version:</i> 3.2.3	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	G: yes U:	MCC: KYMALAINEN, Kimmo		
	ETSI publication 01/01/1995 3 . 2 . 3	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 3 . 0		<i>remarks - this release:</i> #5:3.3.0		

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ACTIVE specs Ph1 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> gsm-25b		Peter Skov						
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	gsm4 06/05/2003 2 . 0 . 0 Feb 1988	get it	<i>remarks - general:</i>						
	gsm4 06/05/2003 3 . 0 . 0 Feb 1988	get it	<i>remarks - this release:</i> .						
	gsm4 06/05/2003 3 . 1 . 0 Jun 1988	get it							
	ETSI publication 01/01/1995 3 . 4 . 0	get it							
<hr/>									
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	<i>current version:</i> Switching Centre (BSS - MSC) interface	3.7.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert				
SIEMENS AG									
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995 3 . 7 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding								
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995 3 . 2 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
<hr/>									
TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3								
Ph1	<i>current version:</i> 3.1.3	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995 3 . 1 . 3	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

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ACTIVE specs Ph1 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 3

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

Ph1 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1 *current version:* 3.3.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 3 . 2

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph1 *current version:* 3.8.0
freeze_meeting: gsm-25b
history (event, available, version,
smg-15 3 . 7 . 0
smg-16 01/01/1995 3 . 8 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release:

TS 05.03 Channel coding

Ph1 *current version:* 3.6.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: #12: 3.6.1

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ACTIVE specs Ph1 05 .- series
Server http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04	Modulation					
Ph1	<i>current version:</i> 3.1.2		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 2		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
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TS 05.05	Radio Transmission and Reception					
Ph1	<i>current version:</i> 3.16.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-04	3 . 14 . 0			<i>remarks - general:</i>	
	smg-06b	3 . 15 . 0			<i>remarks - this release:</i>	
	ETSI publication 01/01/1995	3 . 16 . 0		get it		
<hr/>						
TS 05.08	Radio Subsystem Link Control					
Ph1	<i>current version:</i> 3.8.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer		VODAFONE Group Plc
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 8 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 05.10	Radio subsystem synchronization					
Ph1	<i>current version:</i> 3.5.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-04 01/01/1995	3 . 5 . 1		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

Ph1 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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Server ACTIVE specs Ph1 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 06.10	Full Rate Speech Transcoding					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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ACTIVE specs Ph1 06 .- series
Server http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.32 Voice Activity Detection (VAD)
Ph1 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Ph1 *current version:* 3.14.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
gsm-20 3 . 2 . 0 *remarks - general:*
ETSI publication 01/01/1995 3 . 14 . 0 [get it](#) *remarks - this release:*

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
Ph1 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 8 . 0 [get it](#) *remarks - general:*
remarks - this release: #2: 3.8.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
Ph1 *current version:* 3.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#) *remarks - general:*
remarks - this release: #5: 3.4.0

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

Ph1 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

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 MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

[get it](#) *remarks - general:*
remarks - this release: .

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 MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 3 . 1

[get it](#) *remarks - general:*
remarks - this release: .

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 MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 3

[get it](#) *remarks - general:*
remarks - this release: .

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
freeze_meeting: gsm-25b

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 5 . 2

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Ph1	<i>current version:</i> 3.10.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 10 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Ph1	<i>current version:</i> 3.1.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> gsm-25b		BOSWARTHICK, David			
	<i>history (event, available, version,</i>	G: yes U:	MCC:			
	ETSI publication 01/01/1995 3 . 1 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
	<i>history (event, available, version,</i>	G: yes U:	MCC: THOMASEN, Gert			
	ETSI publication 01/01/1995 3 . 0 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
	<i>history (event, available, version,</i>	G: yes U:	MCC: THOMASEN, Gert			
	ETSI publication 01/01/1995 3 . 0 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
	<i>history (event, available, version,</i>	G: yes U:	MCC: THOMASEN, Gert			
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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					Server	ACTIVE specs	Ph1	08 .- series
TS 08.56	BSC-BTS Layer 2; Specification							
Ph1	<i>current version:</i> 3.1.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels				MOTOROLA A/S
	<i>freeze_meeting:</i> gsm-25b			Peter Skov				
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	ETSI publication 01/01/1995	3 . 1 . 1	get it	<i>remarks - general:</i>				
				<i>remarks - this release:</i> .				
TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification							
Ph1	<i>current version:</i> 3.6.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels				MOTOROLA A/S
	<i>freeze_meeting:</i> gsm-25b			Peter Skov				
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	ETSI publication 01/01/1995	3 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication 01/01/1995	3 . 0 . 0	get it	<i>remarks - this release:</i> #10: 3.6.0				
	smg-10 01/01/1995	3 . 6 . 0	get it					
TS 08.59	BSC-BTS O&M Signalling Transport							
Ph1	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> gsm-25b		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>							
	ETSI publication 01/01/1995	3 . 1 . 0	get it	<i>remarks - general:</i>				
				<i>remarks - this release:</i> .				
TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels							
Ph1	<i>current version:</i> 3.3.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels				MOTOROLA A/S
	<i>freeze_meeting:</i> gsm-25b			Peter Skov				
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	ETSI publication 01/01/1995	3 . 3 . 1	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
				<i>remarks - this release:</i> .				

Ph1

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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

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ACTIVE specs Ph1 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 09.02	Mobile Application Part (MAP) Specification					
Ph1	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 11 . 0	get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM) get it <i>remarks - this release:</i>			
<hr/>						
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	<i>current version:</i> Network (PLMN)	3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		
	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> .			
<hr/>						
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> .			
<hr/>						
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access					
Ph1	<i>current version:</i> 3.2.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 2	get it	<i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> .			

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ACTIVE specs Ph1 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

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	<i>current version:</i> Network (PSTN)	3.10.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert
SIEMENS AG							
	<i>freeze_meeting:</i> gsm-25b		<i>G: yes U:</i>	<i>MCC:</i>	BOSWARTHICK, David		
<i>history (event, available, version,</i>							
ETSI publication 01/01/1995 3 . 10 . 0							
<u>get it</u> <i>remarks - general:</i>							
<i>remarks - this release:</i> #5: 3.8.0 #9: 3.9.0 #14: 3.10.0							
<hr/>							
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	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo
TeliaSonera AB							
	<i>freeze_meeting:</i> gsm-25b		<i>G: yes U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>							
ETSI publication 01/01/1995 3 . 0 . 0							
ETSI publication 01/01/1995 3 . 0 . 2							
<u>get it</u> <i>remarks - general:</i>							
<u>get it</u> <i>remarks - this release:</i> .							
<hr/>							
TS 09.11	Signalling Interworking for Supplementary Services						
Ph1	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> gsm-25b		<i>G: yes U:</i>			<i>MCC:</i>	KYMALAINEN, Kimmo
<i>history (event, available, version,</i>							
ETSI publication 01/01/1995 3 . 0 . 1							
<u>get it</u> <i>remarks - general:</i>							
<i>remarks - this release:</i> .							

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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ACTIVE specs Ph1 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1
current version: 3.23.1
freeze_meeting: gsm-25b

WG (prime / other): G4 / S1 / rapporteur: LEGRAND, Walter EADS TELECOM
G5 /
NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

First complete	01/01/1992	1	.	0	.	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		3	.	14	.	0
smg-28	01/01/1996	3	.	14	.	0
smg-08	07/06/1996	3	.	15	.	0
smg-09	07/06/1996	3	.	16	.	0
smg-10	02/09/1996	3	.	17	.	0
smg-11	02/09/1996	3	.	18	.	0
smg-12	02/09/1996	3	.	19	.	0
smg-13	28/06/1996	3	.	20	.	0
smg-15		3	.	21	.	0
smg-16	01/01/1996	3	.	22	.	0
smg-20	16/10/1996	3	.	23	.	0
ETSI publication	30/12/1996	3	.	23	.	1

[get it](#) remarks - general:
remarks - this release:

[get it](#)
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TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1
current version: 3.16.0
freeze_meeting: gsm-25b

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
G: yes U: MCC: DIETZE, Claus

history (event, available, version,

ETSI publication	01/01/1995	3	.	3	.	3
ETSI publication	01/01/1995	3	.	16	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

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

3GPP specification status

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Server ACTIVE specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.30 Mobile Services Switching Centre

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 11.31 Home Location Register Specification

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:*
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 11.32 Visitor Location Register Specification

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:*
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1 *current version:* 3.7.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1996 3 . 3 . 0
smg-02 3 . 6 . 0
smg-11 01/01/1996 3 . 7 . 0

WG (prime / other): G4 / - *rapporteur:*
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #2: 3.6.0 #11: 3.7.0
[get it](#)

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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

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Server ACTIVE specs Ph1 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1 *current version: none*
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael
G: U: yes *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TS 12.13 Maintenance of the Mobile-services Switching Centre

Ph1 *current version: none*
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael
G: yes U: *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TS 12.14 Maintenance of Location Registers

Ph1 *current version: none*
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael
G: yes U: *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

Ph1 TB .- series Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR 5 General Attachment Requirements for GSM Mobile Stations

Ph1 *current version: none*
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:* FREEMAN, David MOTOROLA
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

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

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Server ACTIVE specs Ph1 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1 *current version:* none *WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David MOTOROLA
freeze_meeting: gsm-25b G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: G: U: yes *MCC:* CLAYTON, Michael

history (event, available, version,

remarks - general:
remarks - this release:

23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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:* YOON, Sang-Ui

history (event, available, version,

remarks - general:
remarks - this release:

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

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Server ACTIVE specs 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

WITHDRA specs

<?>

<?> 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.234 (reserved for future WLAN l/w stage 1)
<?> current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): S2 / - rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: YOON, Sang-Ui
remarks - general: Withdrawn: see conclusions (clause 7,3) of 22.934.
remarks - this release: .

<?> 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801 (reserved for T1 RF group)
<?> current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): T1 / rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: SALMERON, Lidia
remarks - general: 2002-09-16: -> 34.901.
remarks - this release: .

Rel-6

Rel-6 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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Server WITHDRAWN specs Rel-6 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

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: SP-16 G: U: yes *MCC:* POPE, Maurice
history (event, available, version,

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 6
remarks - this release: SP-20: Superseded by 21.101 Rel-4. specifications". SP-20: Superseded by 21.101

Rel-4.

Rel-6 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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
history (event, available, version, SP-08 28/06/2000 2 . 0 . 0 SP-19: txverred from Rel-5 [get it](#)

remarks - general: 2003-04-07 Clayton: scrapped.
remarks - this release: 2003-04-07 Clayton: scrapped.

Rel-6 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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: G: U: yes *MCC:* YOON, Sang-Ui
history (event, available, version,

remarks - general: Created as a result of 23.895.
remarks - this release: SP-20: is in fact a Rel-5 doc.

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WITHDRAWN specs Rel-6 23 .- series
Server http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.340 (reserved for: "IP Multimedia Subsystem (IMS) messaging; Stage 2")
Rel-6 *current version: none* *freeze_meeting:* WG (prime / other): S2 / rapporteur: N, A Indicate persons who left Company and wait for new One
history (event, available, version, G: U: yes MCC: YOON, Sang-Ui
S2-29 03/02/2003 0 . 0 . 0
S2-29 03/02/2003 0 . 0 . 1 2003-02-04: -> 23.976
remarks - general:
remarks - this release: .

TR 23.876 Push architecture
Rel-6 *current version: none* *freeze_meeting:* WG (prime / other): S2 / - rapporteur: YOON, Sang-Ui KT Freetel Co., Ltd.
history (event, available, version, G: U: yes MCC: YOON, Sang-Ui
S2-29 03/02/2003 0 . 0 . 0 *remarks - general:* 2003-02-04: -> 23.976
S2-29 03/02/2003 0 . 0 . 1 2003-02-04: -> 23.976 [get it](#) *remarks - this release:* 2003-02-04: -> 23.976

TR 23.964 Commonality and interoperability between IP Multimedia System (IMS) core networks
Rel-6 *current version: none* *freeze_meeting:* WG (prime / other): S2 / - rapporteur: BERTENYI, Balazs NOKIA Corporation
history (event, available, version, G: U: yes MCC: YOON, Sang-Ui
S2-29 03/02/2003 0 . 3 . 1 Renumbered to 23.864 [get it](#) *remarks - general:* 2003-02-03: Renumbered to 23.864.
remarks - this release: 2003-02-03: Renumbered to 23.864.

Rel-6 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.150 (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")
Rel-6 *current version: none* *freeze_meeting:* WG (prime / other): T2 / - rapporteur: MUDGE, John VODAFONE Group Plc
history (event, available, version, G: U: yes MCC: RODERMUND, Friedhelm
remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional
remarks - this release: provisional TP-18: rapporteur not confirmed.

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Server WITHDRAWN specs Rel-6 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

Rel-6 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
remarks - this release: SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be 32..42x
published. Replace with 32.411, 32..42x and 52.008.

and 52.008.

Rel-6 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6 *current version: none*
freeze_meeting:

WG (prime / other): S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not
remarks - this release: . to publish, so -> 33.810.

history (event, available, version,

Rel-6 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system (Rel-6)

Rel-6 *current version: none*
freeze_meeting: SP-16
history (event, available, version,

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

remarks - general: post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 Rel-6.
remarks - this release: SP-20: Superseded by 41.101 Rel-6.

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WITHDRAWN specs Rel-6 41 .- series
Server http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 *current version: none*
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): G1 / *rapporteur:* GROSS, Robert
G: yes U: *MCC:* USAI, Paolino

TruePosition Inc.

remarks - general: Renumbered to 45.811.
remarks - this release: Renumbered to 45.811.

Rel-6 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian
G: yes U: *MCC:* DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102

Rel-6 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.202 reserved for radio spec "Flexible layer 1" based on 45.902

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

remarks - general:
remarks - this release: .

Rel-6 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

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

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Server WITHDRAWN specs Rel-6 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-6 current version: none
freeze_meeting:

WG (prime / other): N1 / -

rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

G: yes U:

MCC: JORGENSEN, Per Johan

history (event, available, version,

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-5

Rel-5 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.103 3rd Generation mobile system Release 5 specifications

Rel-5 current version: none
freeze_meeting: SP-16

WG (prime / other): SP / -

rapporteur: MEREDITH, John M ETSI Secretariat

G: U: yes

MCC: POPE, Maurice

history (event, available, version,

SP-12		0	.	0	.	0	SP-010275
SP-12	05/07/2001	0	.	1	.	0	SP-010381
SP-13	01/10/2001	1	.	0	.	0	SP-010418
SP-15	19/03/2002	1	.	1	.	0	SP-020095
SP-15	19/03/2002	1	.	2	.	0	SP-020202
SP-16		2	.	0	.	0	
SP-16		2	.	1	.	0	SP-020274
SP-16		2	.	2	.	0	SP-020401
SP-16	19/06/2002	5	.	0	.	0	SP-020411
SP-17	18/09/2002	5	.	1	.	0	
SP-18	03/01/2003	5	.	2	.	0	
SP-19	27/03/2003	5	.	3	.	0	
SP-20		5	.	4	.	0	

[get it](#)

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[get it](#)

[get it](#)

remarks - general: SP-20: Superseded by 21.101 Rel-5.

remarks - this release: SP-20: Superseded by 21.101 Rel-5.

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

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Server WITHDRAWN specs Rel-5 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

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:* YOON, Sang-Ui
history (event, available, version,
draft 15/04/2002 0 . 2 . 0 [get it](#) *remarks - general:*
draft 14/08/2002 0 . 4 . 0 [get it](#) *remarks - this release:* SP-20: -> Rel-6.
draft 17/09/2002 0 . 5 . 0 [get it](#)
draft 16/12/2002 0 . 6 . 0 [get it](#)
draft 24/02/2003 0 . 7 . 0 -> Rel-6 [get it](#)

Rel-5 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.141 Presence service; Stage 1
Rel-5 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-12 27/06/2001 1 . 0 . 0 SP-010364 (replaces SP-010265) [get it](#) *remarks - general:*
SP-13 01/10/2001 2 . 0 . 0 SP-010444 [get it](#) *remarks - this release:* SP-16: moved to Rel-6
SP-13 05/10/2001 5 . 0 . 0 [get it](#)
SP-14 10/01/2002 5 . 1 . 0 [get it](#)
SP-15 28/03/2002 5 . 2 . 0 TP-16: moved to Rel-6 [get it](#)

TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1
Rel-5 *current version:* none *WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre 3
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-13 01/10/2001 2 . 0 . 0 SP-010443 [get it](#) *remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.
SP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.
SP-14 10/01/2002 5 . 1 . 0 [get it](#)
SP-15 28/03/2002 5 . 2 . 0 SP-16: withdrawn. [get it](#)

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

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Server WITHDRAWN specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.174	Push service; Stage 1					
Rel-5	<i>current version: none</i>		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc	
	<i>freeze_meeting: SP-15</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	draft	0 . 5 . 0	S1-020186			<i>remarks - general:</i>
	SP-17 16/09/2002	1 . 0 . 0	SP-020568			<i>remarks - this release:</i> SP-15: Timed out of Rel-5.
	SP-19	2 . 0 . 0	SP-030036			
	SP-19	6 . 0 . 0				
<hr/>						
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1					
Rel-5	<i>current version: none</i>		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> AMERY, Paul	ORANGE PCS LTD	
	<i>freeze_meeting: SP-15</i>		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	draft	0 . 5 . 0	S1-020186			<i>remarks - general:</i> Cf work item 'Generic user profile'
	SP-17 16/09/2002	1 . 0 . 0	SP-020568	get it		<i>remarks - this release:</i> SP-15: Delayed to Rel-6
	SP-19	2 . 0 . 0	SP-030036			
	SP-19	6 . 0 . 0				
<hr/>						
TS 22.243	Speech recognition framework for automated voice services; Stage 1					
Rel-5	<i>current version: none</i>		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.	
	<i>freeze_meeting: SP-15</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	S1 draft	0 . 0 . 2				<i>remarks - general:</i>
	SP-14 02/01/2002	1 . 0 . 0	SP-010680	get it		<i>remarks - this release:</i> SP-15: Delayed to Rel-6.
<hr/>						
TR 22.928	IP-based multimedia services examples					
Rel-5	<i>current version: none</i>		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting: SP-15</i>		G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.
						<i>remarks - this release:</i> 2003-04-07 Clayton: scrapped.

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

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WITHDRAWN specs Rel-5 22 .- series
Server http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.941 IP based multimedia framework; Stage 0

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
draft 05/07/2001 0 . 1 . 0
SP-12 05/07/2001 0 . 2 . 4 S1-010359, SP-010359 - not seen by SA1.
draft 15/10/2001 0 . 4 . 1
SP-14 02/01/2002 0 . 7 . 0 NP-010701 (!)

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

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
[get it](#) *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.
[get it](#)
[get it](#)

TR 22.946 Broadcast and multicast services

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
SP-12 27/06/2001 1 . 0 . 0 SP-010267

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

[get it](#) *remarks - general:* Replaced by 22.146.
remarks - this release: To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

TR 22.976 Study on PS domain services and capabilities

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
SP-08 28/06/2000 2 . 0 . 0 transferred from Rel-4.

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

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6

Rel-5 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N4 / -
G: yes *U:* yes
rapporteur: KYMALAINEN, Kimmo TeliaSonera AB
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.

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

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.121 Architectural requirements for Release 1999

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
SP-09 5 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
G: yes *U:* yes *MCC:* YOON, Sang-Ui

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.

TS 23.174 Push service; stage 2

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
G: *U:* yes *MCC:* YOON, Sang-Ui

remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in

case ...".

TS 23.178 Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
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.

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

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* UZQUIANO, Nacho TELEFONICA DE ESPAÑA SA
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 0 . 2 . 0 *remarks - general:* Cf work item 'Generic user profile'
draft 0 . 3 . 0 *remarks - this release:* -> Rel-6
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 24/03/2003 0 . 12 . 0

[get it](#)

TS 23.241 3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework

Rel-5 *current version:* none *WG (prime / other):* T2 / *rapporteur:* BISCHINGER, Kurt T-Mobile AUSTRIA GmbH
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
remarks - general: Cf work item 'Generic user profile'
remarks - this release: TP-15: Delayed to Rel-6.

TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description (Stage 2)

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre 3
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
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.

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

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.841	Presence service architecture							
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi			NOKIA KOREA
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>							
	draft 21/01/2002	0 . 3 . 0		get it	<i>remarks - general:</i>			
	draft	0 . 5 . 0			<i>remarks - this release:</i> -> Rel-6			
	SP-15 19/03/2002	1 . 0 . 0	SP-020156	get it				
	S2-24	1 . 1 . 0						
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2							
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre			3
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>							
	draft 03/01/2002	0 . 0 . 1		get it	<i>remarks - general:</i> This is a preparatory report which may result in the creation of a stage 2 TS			
	S2-22 22/01/2002	0 . 1 . 0		get it	<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.			
	draft 19/03/2002	0 . 2 . 0		get it				
TR 23.908	Technical report on Pre-Paging							
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo			TeliaSonera AB
	<i>freeze_meeting:</i> NP-15			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>							
	NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - general:</i>			
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.			
TR 23.909	Technical report on the Gateway Location Register							
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David			VODAFONE LTD
	<i>freeze_meeting:</i> NP-15			G: yes U: yes	Chalmers			
	<i>history (event, available, version,</i>				<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - general:</i>			
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.			
TR 23.911	Technical report on Out-of-band transcoder control							
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo			TeliaSonera AB
	<i>freeze_meeting:</i> NP-15			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>							
	NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - general:</i>			
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.			

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

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WITHDRAWN specs Rel-5 23 .- series
Server http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.912	Technical report on Super-Charger								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain		NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> NP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>			
						<i>remarks - this release:</i>	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		
<hr/>									
TR 23.915	Charging implications of IMS architecture								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander		SIEMENS AG		
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
						<i>remarks - general:</i>	2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!		
						<i>remarks - this release:</i>	.		
<hr/>									
TR 23.955	Virtual Home Environment (VHE) concepts								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		SOURCE COM		
	<i>freeze_meeting:</i> SP-16			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	draft 08/01/2001	0 . 0 . 0		get it	<i>remarks - general:</i>	SP-20: stopped			
	draft 24/01/2001	0 . 1 . 0		get it	<i>remarks - this release:</i>	SP-20: stopped			
<hr/>									
TR 23.974	Support of push service								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UDA, Nobuyuki		NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-13 01/10/2001	2 . 0 . 0	SP-010508 - approved as 23.875	get it	<i>remarks - general:</i>	SP-13: changed number to 23.875.			
					<i>remarks - this release:</i>	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.			

Rel-5 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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

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Server WITHDRAWN specs Rel-5 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.241 3GPP Generic User Profile (GUP) requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none *WG (prime / other):* T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,

remarks - general: Cf work item 'Generic user profile' - may be renumbered to 27.241
remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

Rel-5 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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
history (event, available, version,
RP-12 19/06/2001 1 . 0 . 0 RP-010345 [get it](#) *remarks - general:*
RP-13 01/10/2001 2 . 0 . 0 RP-010562 [get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
RP-13 02/10/2001 5 . 0 . 0 [get it](#)

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
history (event, available, version,
remarks - general: 2003-05-26: stopped
remarks - this release: 2003-05-26: stopped

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
history (event, available, version,
remarks - general: 2003-05-26: stopped
remarks - this release: 2003-05-26: stopped

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

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Server WITHDRAWN specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.861	RNC - SMLC location protocol	Rel-5 <i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i>	WG (prime / other): R2 / G: U: yes	<i>rapporteur:</i> MIKOLA, Juha <i>MCC:</i> ARZELIER, Claude	NOKIA Corporation	<i>remarks - general:</i> RP-15: abandoned in favour of directly writing the stage 3 spec. <i>remarks - this release:</i> RP-15: abandoned in favour of directly writing the stage 3 spec.
TR 25.869	Transmitter diversity solutions for multiple antennas	Rel-5 <i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i> RP-12 28/06/2001 1 . 0 . 0 RP-010344 RP-13 01/10/2001 1 . 0 . 1 RP-010637 RP-15 19/03/2002 1 . 0 . 2 RP-020130 - RP-20: to Rel-6	WG (prime / other): R1 / - G: U: yes	<i>rapporteur:</i> KIM, Sung-Jin <i>MCC:</i> SASAKI, Tsukasa	Samsung Electronics Ind. Co., Ltd.	<i>remarks - general:</i> <i>remarks - this release:</i> RP-20: to Rel-6.
TR 25.885	UMTS 1800 / 1900 MHz work items report	Rel-5 <i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i> RP-13 01/10/2001 1 . 0 . 0 RP-010672. RP-17: withdrawn.	WG (prime / other): R4 / G: U: yes	<i>rapporteur:</i> NUMMINEN, Jussi <i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar	NOKIA Corporation	<i>remarks - general:</i> RP-17: withdrawn. RP-18 unwithdrawn. <i>remarks - this release:</i> RP-17: withdrawn.
TR 25.886	Small technical enhancements and improvements work item	Rel-5 <i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i>	WG (prime / other): R4 / G: U: yes	<i>rapporteur:</i> <i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		<i>remarks - general:</i> <i>remarks - this release:</i> RP-17: withdrawn.
TR 25.887	Beamforming	Rel-5 <i>current version:</i> none <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i> R1-22 0 . 0 . 1 R1-011342 RP-14 07/12/2001 1 . 0 . 0 RP-010800	WG (prime / other): R1 / - G: U: yes	<i>rapporteur:</i> KAHTAVA, Jussi <i>MCC:</i> SASAKI, Tsukasa	Nokia Japan Co. Ltd	<i>remarks - general:</i> <i>remarks - this release:</i> RP-15: Deferred to Rel-6.

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Server WITHDRAWN specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LI, Xiaoliang		SAMSUNG Electronics Research Institute		
	<i>freeze_meeting:</i> RP-16			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
<i>history (event, available, version,</i>									
RP-17	24/09/2002	1	. 0	. 0	RP-020508	get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i>	-> Rel-6	
<hr/>									
TR 25.893	Radio access bearer scenarios								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha		NOKIA Corporation		
	<i>freeze_meeting:</i> RP-19			G: U: yes	<i>MCC:</i> ARZELIER, Claude				
<i>history (event, available, version,</i>									
							<i>remarks - general:</i>	2003-05-26: to be stopped.	
							<i>remarks - this release:</i>	2003-05-26: to be stopped, relevant partsto be moved to 25.993. RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).	
<hr/>									
TR 25.951	Base Station classification (FDD)								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNÄJÄKANGAS, Tuomo		NOKIA Corporation		
	<i>freeze_meeting:</i> RP-16			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
<i>history (event, available, version,</i>									
RP-13	01/10/2001	1	. 1	. 0	moved from Rel-4	get it	<i>remarks - general:</i>		
R4-23		1	. 2	. 0	R4-020688		<i>remarks - this release:</i>	2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.	
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				

Rel-5 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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WITHDRAWN specs Rel-5 27 .- series
Server http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version,
TP-10 05/01/2001 0 . 1 . 1 SP-000657

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this
remarks - this release: TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is spec is

scrapped.

TS 27.226 Global Text telephony (GTT);Terminal aspects

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version,

WG (prime / other): T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

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.

TS 27.241 3GPP generic user profile requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none
freeze_meeting: TP-16
history (event, available, version,

WG (prime / other): T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

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.

Rel-5 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none
freeze_meeting: NP-16
history (event, available, version,
draft 01/06/2001 0 . 1 . 0
draft 08/11/2001 0 . 3 . 0
draft 14/01/2002 0 . 4 . 0
draft 18/02/2002 0 . 6 . 1
NP-15 19/03/2002 1 . 0 . 0 NP-020076

WG (prime / other): N3 / *rapporteur:* HOLLAND, Nigel mm02 plc
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* NP-19: to Rel-6
[get it](#)
[get it](#)

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Server WITHDRAWN specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.163 Interworking between the IM CN subsystem and CS networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc
freeze_meeting: NP-18 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
N3-16 0 . 0 . 0 *remarks - general:*
N3-17 01/06/2001 0 . 1 . 0 N3-010185, N3-010199, N3-010201 and [get it](#) *remarks - this release:* NP-16: shifted to Rel-6.
N3-010210
N3-18 0 . 2 . 0 N3-010312, N3-010315
N3-19 09/11/2001 0 . 3 . 0 N3-010462, N3-010427 [get it](#)
NP-14 02/01/2002 1 . 0 . 0 NP-010565 [get it](#)
NP-15 18/02/2002 1 . 2 . 0 NP-020077 ex N3-21 [get it](#)
editorials 1 . 2 . 1
N3-23 1 . 3 . 1 N3-020441

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 5 . 0 . 0 Interim step; not to be produced. See *remarks - general:*
sub-parts. *remarks - this release:* Split into sub-parts.

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:* N, A Indicate persons who left Company and wait for new
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian One

history (event, available, version,
915-9. *remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 -
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. ES 202

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
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian One

history (event, available, version,
202 915-10. *remarks - general:* No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. - ES

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Server WITHDRAWN specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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
	history (event, available, version,			remarks - general:	superseded by 29.903
				remarks - this release:	. TSG#11:creation; superseded by 29.903
<hr/>					
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
	history (event, available, version,			remarks - general:	
				remarks - this release:	WI approved TSG#7
<hr/>					
TS 29.240	Generic User Profile (GUP); Stage 3; Network				
Rel-5	current version: none	WG (prime / other):	N4 /	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: NP-16	G:	U: yes	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,			remarks - general:	Cf work item 'Generic user profile' - may be renumbered to 27.241
				remarks - this release:	2002-03-05: Delayed to Rel-6.
<hr/>					
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
	history (event, available, version,			remarks - general:	RP-19: stopped.
				remarks - this release:	.
<hr/>					
TR 29.998-04-	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 Nederland B.V.
	freeze_meeting: NP-15	G:	U: yes	MCC:	ZOICAS, Adrian
	history (event, available, version,			remarks - general:	
				remarks - this release:	SP-14 stopped.

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WITHDRAWN specs Rel-5 29 .- series
Server http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-04- 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 Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05- 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 Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05- 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 Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

Rel-5 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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
history (event, available, version,

*NP-18 07/01/2003 5 . 0 . 0 NP-19: renumbered to 30.902. [get it](#) *remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS
remarks - this release: NP-18: Evidently Rel-5 is indeed required! studies.*

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Server WITHDRAWN specs Rel-5 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

Rel-5 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-16 G: U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-15 19/03/2002 0 . 0 . 2 TP-020031 [get it](#) *remarks - general:* additional rapporteur: Florence Martin.
TP-15 19/03/2002 1 . 0 . 0 TP-020075 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-16 G: yes U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-15 19/03/2002 0 . 1 . 0 TP-020032 [get it](#) *remarks - general:* additional rapporteur: Florence Martin
TP-15 19/03/2002 1 . 0 . 0 TP-020076 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API

Rel-5 *current version: none* WG (prime / other): T3 / *rapporteur:* TON, Wim ASPECTS Software Ltd
freeze_meeting: TP-16 G: U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-14 02/01/2002 1 . 0 . 0 TP-010249 [get it](#) *remarks - general:* Test spec is 34.131.
remarks - this release: TP-17: Clear that the spec is Rel-6 not Rel-5.

Rel-5 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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
history (event, available, version,
draft 08/11/2001 0 . 0 . 1 [get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
draft 26/02/2002 0 . 1 . 0 [get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

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Server WITHDRAWN specs Rel-5 32 .- series
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TS 32.112	Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.114	Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ISLIP, John	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	draft 27/06/2001 0 . 1 . 3	get it	<i>remarks - general:</i>			
	draft 21/01/2002 0 . 5 . 4	get it	<i>remarks - this release:</i> SP-15: move to Rel-6.			
	draft 28/01/2002 0 . 5 . 5	get it				
<hr/>						
TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> -> 32.112			
			<i>remarks - this release:</i> .			

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Server WITHDRAWN specs Rel-5 32 .- series
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TS 32.681	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> SP-17: moved to Rel-6.	
<hr/>					
TS 32.682	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> SP-17: moved to Rel-6.	
<hr/>					
TS 32.683	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> SP-17: moved to Rel-6.	
<hr/>					
TS 32.684	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> SP-17: moved to Rel-6.	
<hr/>					
TR 32.801	Performance management				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> KORINEK, Frank		MOTOROLA JAPAN LTD
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	(Release 4/5 Building Block: OAM-PM)
				<i>remarks - this release:</i>	2001-08-27: S5 Secretary: no document to be produced.

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Server WITHDRAWN specs Rel-5 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

Rel-5 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 3
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
remarks - this release: .2002-06-26: Item abandoned, since seems unlikely any more work will be done on

Rel-5 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* none
freeze_meeting: SP-16
history (event, available, version,

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.

SP-12		0	.	0	.	0		SP-010278
SP-12	05/07/2001	0	.	1	.	0		SP-010384
SP-13	01/10/2001	1	.	0	.	0		SP-010421
SP-15	19/03/2002	1	.	1	.	0		SP-020098
SP-15	19/03/2002	1	.	2	.	0		SP-020203
SP-16		2	.	0	.	0		SP-020271
SP-16		2	.	1	.	0		SP-020398
SP-16		2	.	2	.	0		SP-020410
SP-16	19/06/2002	5	.	0	.	0		
SP-17	18/09/2002	5	.	1	.	0		
SP-18	03/01/2003	5	.	2	.	0		
SP-19	27/03/2003	5	.	3	.	0		
SP-20		5	.	4	.	0		

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Rel-5 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

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

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Server WITHDRAWN specs Rel-5 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

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:* POPE, Maurice
history (event, available, version, SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn. get it *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.

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:* POPE, Maurice
history (event, available, version, *remarks - general:* SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

Rel-5 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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:* POPE, Maurice
history (event, available, version, SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn. get it *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.

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:* POPE, Maurice
history (event, available, version, *remarks - general:* SP-16: withdrawn in favour of 23.035.
remarks - this release: SP-16: withdrawn in favour of 23.035.

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

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Server WITHDRAWN specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.900 Support for voice optimization for the IMS in the GERAN

Rel-5 *current version:* none
freeze_meeting: GP-10
history (event, available, version,
GP-06 1 . 0 . 0 GP-011962

WG (prime / other): G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.
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.

TR 43.930 lur-g interface; Stage 2

Rel-5 *current version:* none
freeze_meeting: GP-09
history (event, available, version,
GP-09 0 . 3 . 0 GP-020733
GP-09 22/04/2002 0 . 4 . 0 GP-021274

draft 19/07/2002 0 . 5 . 1
GP-10 19/07/2002 5 . 0 . 0
GP-11 16/09/2002 5 . 1 . 0 GP-11: withdrawn and technically
identical document issued as TS

WG (prime / other): G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
G: yes U: *MCC:* Jose Luis 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.

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Rel-5 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-5 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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

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Server WITHDRAWN specs Rel-5 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099 GERAN project plan and open issues

Rel-5 *current version:* none

freeze_meeting: GP-09

history (event, available, version,

GP-08 04/04/2002 0 . 0 . 14 GP-020277

GP-08 20/03/2002 0 . 0 . 15 GP-020515

WG (prime / other): GP / - *rapporteur:* BLADSJO, David

Telefon AB LM Ericsson

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general: 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as

[get it](#)

remarks - this release: GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Fel-5

Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.

frozen, so migrated to Rel-6.

draft 20/03/2002 0 . 1 . 6

[get it](#)

Rel-5 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-5 *current version:* none

freeze_meeting: TP-15

history (event, available, version,

TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn!

WG (prime / other): T3 / -

rapporteur: GUTHERY, Scott B.

Mobile-Mind Inc.

G: yes U:

MCC: DIETZE, Claus

[get it](#)

remarks - general: TP-14: talk of changing title to "Characteristics of the SIM application".

remarks - this release: TP-16: Rel-5 version withdrawn.

Rel-4

Rel-4 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

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Server WITHDRAWN specs Rel-4 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

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

SP-08 30/06/2000 1 . 0 . 0
SP-10 04/01/2001 1 . 1 . 0
SP-11 11/04/2001 4 . 0 . 0
SP-12 05/07/2001 4 . 1 . 0
SP-13 01/10/2001 4 . 2 . 0
SP-14 03/01/2002 4 . 3 . 0
SP-15 27/03/2002 4 . 4 . 0
SP-16 19/06/2002 4 . 5 . 0
SP-17 18/09/2002 4 . 6 . 0
SP-18 03/01/2003 4 . 7 . 0
SP-19 27/03/2003 4 . 8 . 0
SP-20 4 . 9 . 0

[get it](#) *remarks - general:* SP-20: Superseded by 21.101 Rel-4.
[get it](#) *remarks - this release:* SP-20: Superseded by 21.101 Rel-4.
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Rel-4 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

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 (!).

TS 22.112 USIM toolkit interpreter; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
G: *U:* yes *MCC:* DIETZE, Claus

TP-10 11/01/2001 1 . 0 . 0
TP-11 09/04/2001 4 . 0 . 0 withdrawn TP-13

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TP-13: Rel-4 withdrawn, since stage 2 not ready.

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

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Server WITHDRAWN specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.227 Service requirements for the Open Service Access (OSA)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: *U:* yes *MCC:* CLAYTON, Michael

remarks - general: Clayton Apr-2001: spec not required (see 22.127)
remarks - this release: .

TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-07 17/03/2000 1 . 0 . 0 SP-000073
draft 09/05/2000 1 . 4 . 0
SP-08 28/06/2000 2 . 0 . 0 -> Rel-5.

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

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
[get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).
[get it](#)

Rel-4 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 SP-16: ->43.073 since applies to
GERAN systems only.

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *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.

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11 18/06/2002 4 . 0 . 0 withdrawn

WG (prime / other): S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
G: *U:* yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
remarks - this release: Kall: Apr-2001:Superseded by 23.271 for Rel-4.

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

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.207	End-to-end Quality of Service (QoS) concept and architecture								
Rel-4	<i>current version:</i> none			WG (prime / other):	S2 / -	<i>rapporteur:</i>	OYAMA, Johnson		Nippon Ericsson K.K.
	<i>freeze_meeting:</i> SP-12			G: yes	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version,</i>								
	SP-10 31/01/2001	1 . 0 . 0	SP-000594			get it	<i>remarks - general:</i>		
	draft 01/02/2001	1 . 1 . 0				get it	<i>remarks - this release:</i>	SP-12: becomes Rel-5	
	draft 26/06/2001	1 . 7 . 3	suspicious version number!			get it			
	SP-12 26/06/2001	2 . 0 . 0	S2-011123, SP-010337			get it			
TR 23.814	Separating RR and MM specific parts of the MS Classmark								
Rel-4	<i>current version:</i> none			WG (prime / other):	N1 / -	<i>rapporteur:</i>	YOKOTA, Fumihiko		Fujitsu Limited
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>								
	NP-11	4 . 0 . 0	doa. Stick at R99.				<i>remarks - general:</i>	New after TSG#5	
							<i>remarks - this release:</i>	Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.	
TR 23.821	Architecture Principles for Reelase 2000								
Rel-4	<i>current version:</i> none			WG (prime / other):	S2 / -	<i>rapporteur:</i>	LIND, Christer		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version,</i>								
	SP-08 28/06/2000	1 . 0 . 1				get it	<i>remarks - general:</i>	New after TSG#5. SP-20: stopped	
							<i>remarks - this release:</i>	SP-20: stopped	
TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID								
Rel-4	<i>current version:</i> none			WG (prime / other):	S2 / -	<i>rapporteur:</i>	KITADA, Yoshinori		NTT COMWARE Corporation
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version,</i>								
	SP-09	1 . 0 . 0					<i>remarks - general:</i>	SP-20: stopped	
	draft 08/11/2000	1 . 2 . 0				get it	<i>remarks - this release:</i>	SP-20: stopped	
	draft 24/11/2000	1 . 3 . 0				get it			

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

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.907	Quality of Service (QoS) concept				
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> VACANT,	
	<i>freeze_meeting:</i> SP-11		G: U: yes	MCC: YOON, Sang-Ui	
	<i>history (event, available, version,</i>				
	draft 15/11/1998	0 . 1 . 0	get it	<i>remarks - general:</i> SP-20: stopped	
	draft 15/01/1999	0 . 2 . 0	get it	<i>remarks - this release:</i> SP-20: stopped	
	draft 15/04/1999	0 . 3 . 0	get it		
	draft 30/04/1999	0 . 4 . 0	get it		
	draft 15/05/1999	0 . 5 . 0	get it		
	S2-05 30/05/1999	1 . 0 . 0	get it		
	draft 30/06/1999	1 . 1 . 0	get it		
	draft 15/07/1999	1 . 2 . 0	get it		

TR 23.913	UMTS Turbo-Charger				
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-11		G: U: yes	MCC: N, A	
	<i>history (event, available, version,</i>				
	N1-06 20/08/1999	0 . 0 . 1	get it	<i>remarks - general:</i> New after TSG#5	
	N1-07 17/09/1999	0 . 0 . 2	get it	<i>remarks - this release:</i> .	
	N1-08 29/10/1999	0 . 0 . 3	get it		
	revision 15/11/1999	0 . 1 . 0	get it		
	revision 30/11/1999	0 . 1 . 1	get it		
	NP-06 17/12/1999	1 . 0 . 0	get it		
	N1-09 03/12/1999	1 . 0 . 0	get it		

TR 23.922	Architecture for an All IP network				
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	MCC: YOON, Sang-Ui	
	<i>history (event, available, version,</i>				
	SP-11	4 . 0 . 0		<i>remarks - general:</i> TSG#5: 1.0.0	
		abandoned July 2001		<i>remarks - this release:</i> Sultan, Apr-2001: abandoned in early 2000. July-2001: replaced by 23,228.	

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN				
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TeliaSonera AB
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	MCC: YOON, Sang-Ui	
	<i>history (event, available, version,</i>				
	SP-11	4 . 0 . 0		<i>remarks - general:</i>	
				<i>remarks - this release:</i> Sultan Apr-2001: contents out of date, not appropriate for Rel-4.	

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

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.925 UMTS Core network based ATM transport
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
4 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* ROUZ, Adel FUJITSU Laboratories of Europe Limited
G: yes U: yes *MCC:* YOON, Sang-Ui

remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.
remarks - this release: SP-20: stopped SP-20: stopped

TR 23.972 Circuit switched multimedia telephony
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
NP-11 4 . 0 . 0 *doa.* Stick at R99.

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
G: U: yes *MCC:* Rouzbeh JORGENSEN, Per Johan

remarks - general: New after TSG#5. Minor title change TSG#7.
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.

Rel-4 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004 Layer 1 - General Requirements
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
GP-04 4 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* THOMAS, Rémi France Telecom
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.

TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
4 . 0 . 0

WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
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
remarks - this release: TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should
have been N2 anyway). Agreed to
txfer to G2, but still as 24.012.

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

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Server WITHDRAWN specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

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
freeze_meeting: SP-11 *G:* *U:* *MCC:* N, A One
history (event, available, version,
remarks - general:
remarks - this release: .

TR 24.946 reserved
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* VACANT,
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release:

Rel-4 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.107 UTRA Repeater; Conformance testing
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* N, A One
history (event, available, version,
Start of work 01/08/2000 0 . 0 . 1 get it *remarks - general:* -> 25.143
remarks - this release: Scrapped in favour of 25.143

TS 25.371 LMU signalling
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* MOULY, Michel ARGUIN Communications
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* N, A
history (event, available, version,
remarks - general: Created Jan 00; wdrwn Apr00
remarks - this release: First draft: Jan2000

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

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.835	Report on hybrid ARQ type II/III								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	RP-09 16/10/2000	1	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.
<hr/>									
TR 25.837	Hybrid ARQ Type II/III (lub/lur aspects)								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	RP-09 21/09/2000	0	.	1	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.
<hr/>									
TR 25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	RP-12 05/07/2001	0	.	2	.	0			RP-010426
	RAN3 approved 01/10/2001	0	.	3	.	0			referred to at RP-13.
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.
<hr/>									
TR 25.845	FDD RACH and AICH performance requirements								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	draft 20/12/2000	0	.	0	.	2			
	draft 14/05/2001	0	.	0	.	3			RP-17: withdrawn.
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.
<hr/>									
TR 25.846	CPCH performance								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i>	2001-02-13: scrapped
								<i>remarks - this release:</i>	.
<hr/>									

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

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.852	Radio access bearer support enhancements for the lu					
Rel-4	<i>current version:</i> none					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 0 . 0 . 0					
		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> DIESEN, Michael		MOTOROLA Ltd
		<i>G:</i> U: yes		<i>MCC:</i> KRAUSE, Joern		
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5. RP-19: future to be discussed R3-35. TP-20: to		
<hr/>						
TR 25.924	Opportunity Driven Multiple Access (ODMA)					
Rel-4	<i>current version:</i> none					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999 0 . 0 . 1					
	RP-04 23/06/1999 0 . 1 . 0					
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i> 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.		
			get it			
			get it			
<hr/>						
TR 25.932	Delay budget within the access stratum					
Rel-4	<i>current version:</i> none					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version,</i>					
	RP-08 23/06/2000 1 . 0 . 0					
	RP-09 05/10/2000 1 . 1 . 0					
	RP-10 22/01/2001 2 . 0 . 0					
		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> TAYLOR, Carolyn		MOTOROLA Ltd
		<i>G:</i> U: yes		<i>MCC:</i> KRAUSE, Joern		
			get it	<i>remarks - general:</i> ->25.853 @ TSG#10.		
			get it	<i>remarks - this release:</i> TSG#10:2.0.0; approved renumbered as 25.853.		
			get it			

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

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.933	IP transport in UTRAN								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.			
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	draft 15/05/2000	0 . 0 . 1		get it	<i>remarks - general:</i>				
	R3-13 15/06/2000	0 . 1 . 0		get it	<i>remarks - this release:</i> 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).				
	R3-13 15/07/2000	0 . 1 . 1		get it					
	RP-09 15/08/2000	0 . 2 . 0		get it					
	RP-10 21/12/2000	0 . 4 . 0	RP-000644	get it					
	RP-11 06/04/2001	1 . 0 . 0		get it					
	RP-12 05/07/2001	1 . 1 . 0	RP-010425	get it					
	RP-13 01/10/2001	1 . 4 . 0	RP-010642	get it					
	draft 13/11/2001	1 . 4 . 1	to Rel-5	get it					
	RP-14 06/12/2001	1 . 5 . 0	RP-010876	get it					
	draft 02/01/2002	1 . 5 . 1		get it					
	RP-15 19/03/2002	1 . 7 . 1	RP-020136, withdrawn	get it					
	RP-15 19/03/2002	2 . 0 . 0	RP-020137	get it					
<hr/>									
TR 25.938	Terminal power saving features								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CHOI, Sungho	Samsung Electronics Ind. Co., Ltd.			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	draft 15/08/2000	0 . 0 . 1		get it	<i>remarks - general:</i> R3-27: abandoned.				
	draft 05/10/2000	0 . 1 . 0		get it	<i>remarks - this release:</i> RP-15: Withdrawal confirmed.				
	RP-10 21/12/2000	0 . 1 . 1	RP-000654	get it					
	RP-11 06/04/2001	2 . 0 . 0	R3-27: abandoned, confirmed RP-15.	get it					
<hr/>									
TR 25.951	Base Station classification (FDD)								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNÄJÄKANGAS, Tuomo	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	R4-13 21/11/2000	0 . 0 . 1	R4-000572	get it	<i>remarks - general:</i>				
	RP-10 21/12/2000	1 . 0 . 0	RP-000598	get it	<i>remarks - this release:</i> 2002-01-24: Gutierrez: moved to Rel-5				
	R4-16	1 . 0 . 1	R4-010257						
	RP-13 01/10/2001	1 . 1 . 0	RP-010681	get it					

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.952 Base Station classification (TDD)

Rel-4 *current version:* none
freeze_meeting:
history (event, available, version,
draft 21/11/2000 0 . 0 . 1
RP-10 21/12/2000 1 . 0 . 0
RP-11 10/04/2001 1 . 1 . 0

WG (prime / other): R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* -> Rel-5
[get it](#)

Rel-4 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.078 Results of the AMR noise suppression selection phase

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11 4 . 0 . 0

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

remarks - general: Replaced by 26.978.
remarks - this release: Replaced by 26.978.

TS 26.226 Global text telephony (GTT); Transport of text in the voice channel

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-08 23/06/2000 0 . 0 . 0
SP-09 18/10/2000 0 . 0 . 9
draft 24/10/2000 0 . 0 . 10
SP-10 21/12/2000 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.
[get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5
[get it](#)
[get it](#)

TS 26.230 Global text telephony (GTT); Cellular text telephone modem transmitter C-code description

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-10 2 . 0 . 0 SP-000750
SP-10 21/12/2000 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* USAI, Paolino

remarks - general: SP-16: in "GERAN" set.
[get it](#) *remarks - this release:* TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

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WITHDRAWN specs Rel-4 26 .- series
Server http://www.3gpp.org/ftp/Specs/archive/26_series

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
history (event, available, version,
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)
SP-11 10/04/2001 4 . 0 . 0 [get it](#)
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

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:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
remarks - general:
remarks - this release: No work, will never appear as 4.0.0 (Usai, Mar 2001)

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:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.
remarks - this release: .

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

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:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

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Server WITHDRAWN specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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: NP-11 *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

remarks - general: RP-19: stopped.
remarks - this release: .

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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
history (event, available, version,

NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS
TR no. corrected 02/02/2001 4 . 0 . 1 NP-19: Replaced by 30.902 v4.0.2. [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.
studies.

TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0		get it	<i>remarks - general:</i> RP-20: stopped
draft	21/12/2000	0	.	8	.	6		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-20: stopped
RP-04	23/06/1999	1	.	0	.	0		get it	
RP-05	13/10/1999	1	.	4	.	0		get it	
RP-06	17/12/1999	2	.	0	.	0		get it	
RP-08	23/06/2000	2	.	2	.	0		get it	

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Server WITHDRAWN specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.801	Overall Project Plan						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		SOURCE COM	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>						
	draft 30/07/1999	0 . 1 . 0		get it	<i>remarks - general:</i>		
	draft 30/08/1999	0 . 2 . 0		get it	<i>remarks - this release:</i> TSG#11: Work stopped.		
	draft 30/09/1999	0 . 3 . 0		get it			
	SP-05 13/10/1999	1 . 0 . 0		get it			
	draft 02/12/1999	1 . 1 . 0		get it			
TR 30.802	Project plan on Bearer Services and QoS						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999	1 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-09	4 . 0 . 0			<i>remarks - this release:</i> 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.		
TR 30.804	Project plan on GSM/UMTS Interoperation and Mobility Management						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999	1 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> TSG#11: Work stopped.		
TR 30.806	Project plan on Location based services						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999	1 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> TSG#11: Work stopped.		
TR 30.808	Project plan on Packet Architecture and Circuit Architecture						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich		SIEMENS AG	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999	1 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> TSG#11: Work stopped.		

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WITHDRAWN specs Rel-4 30 .- series
Server http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.810 Project plan on Security
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-05 24/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* PUDNEY, Chris
G: U: yes *MCC:* YOON, Sang-Ui

VODAFONE Group Plc

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

TR 30.812 Project plan on Services and Service platforms
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob
G: U: yes *MCC:* YOON, Sang-Ui

CELLPOINT SYSTEMS AB

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

Rel-4 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects
Rel-4 *current version: none*
freeze_meeting: SP-15
history (event, available, version,
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains
valid.

WG (prime / other): T3 / *rapporteur:* KALINER, Stefan
G: U: yes *MCC:* DIETZE, Claus

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

Rel-4 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 3G Performance Management
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12

WG (prime / other): S5 / - *rapporteur:* HÜBINETTE, Ulf
G: U: yes *MCC:* ZOICAS, Adrian

Telefon AB LM Ericsson

[get it](#) *remarks - general:*
remarks - this release: SP-12: Split into several specs. 32.401, '402, '403.

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

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.105	3G charging and billing; Stage 2 description								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KOBYLARZ, Thaddeus	AT&T Corp.			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-06 17/12/1999	0 . 0 . 1		get it	<i>remarks - general:</i>				
	SP-08 23/06/2000	0 . 0 . 2		get it	<i>remarks - this release:</i> New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.				
	SP-09 28/09/2000	0 . 0 . 3		get it					
	draft 10/10/2000	0 . 0 . 4	SP-12: Rel-4 withdrawn.	get it					

TS 32.106-1	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-11 28/03/2001	4 . 0 . 0	SP-12: withdrawn.	get it	<i>remarks - general:</i> SP-08: split into eight parts				
					<i>remarks - this release:</i> SP-12: withdrawn. See 32.300.				

TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-12			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> TSG#8: split into eight parts				
					<i>remarks - this release:</i> SP-12: withdrawn.				

TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Poin (IRP)t; Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> solution set		none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> TSE, Edwin			
	Ericsson Incorporated								
	<i>freeze_meeting:</i> SP-12			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> TSG#8: split into eight parts				
					<i>remarks - this release:</i> SP-12: withdrawn.				

TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP)								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> TSG#8: split into eight parts				
					<i>remarks - this release:</i> SP-12: withdrawn.				

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

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Rel-4 current version: Network Resource Model NRM))	none	WG (prime / other):	S5	/-	rappporteur:	TOVINGER, Thomas
	Telefon AB LM Ericsson						
	freeze_meeting: SP-12	G:	U: yes	MCC:			ZOICAS, Adrian
	history (event, available, version,						
				remarks - general:	TSG#8: split into eight parts		
				remarks - this release:	SP-12: withdrawn.		
TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Rel-4 current version: Architecture (CORBA) solution set	none	WG (prime / other):	S5	/-	rappporteur:	ZHOU, Di SIEMENS AG
	freeze_meeting: SP-12	G:	U: yes	MCC:			ZOICAS, Adrian
	history (event, available, version,						
				remarks - general:	TSG#8: split into eight parts		
				remarks - this release:	SP-12: withdrawn.		
TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information Rel-4 current version: Protocol (CMIP) solution set	none	WG (prime / other):	S5	/-	rappporteur:	POLLAKOWSKI, Olaf
	SIEMENS AG						
	freeze_meeting: SP-12	G:	U: yes	MCC:			ZOICAS, Adrian
	history (event, available, version,						
				remarks - general:	TSG#8: split into eight parts		
				remarks - this release:	SP-12: withdrawn.		
TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects		WG (prime / other):	S5	/-	rappporteur:	TOVINGER, Thomas Telefon AB LM Ericsson
	Rel-4 current version: none		G:	U: yes	MCC:		ZOICAS, Adrian
	freeze_meeting: SP-11						
	history (event, available, version,						
	SP-11 28/03/2001 4 . 0 . 0		get it	remarks - general:	TSG#8: split into eight parts		
				remarks - this release:	SP-12: withdrawn. See 32.600.		
TS 32.111	3G Fault Management		WG (prime / other):	S5	/-	rappporteur:	CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.
	Rel-4 current version: none		G:	U: yes	MCC:		ZOICAS, Adrian
	freeze_meeting: SP-11						
	history (event, available, version,						
	SP-11 28/03/2001 4 . 0 . 0		get it	remarks - general:	TSG#8: split into 4 parts		
				remarks - this release:	.		

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

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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	/-	rappporteur:	SCHEER, Randal	Lucent Technologies
	freeze_meeting: SP-11			G:	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general:	Replaces 32.106-3 SP-12: stopped. See 32.303.				
					remarks - this release:	.				
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	/-	rappporteur:	POLLAKOWSKI, Olaf	SIEMENS AG	
	freeze_meeting:			G:	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general:	Replaces 32.106-4 SP-12: stopped. See 32..304.				
					remarks - this release:	.				
TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	Rel-4	current version: none	WG (prime / other):	S5	/	rappporteur:	N, A		Indicate persons who left Company and wait for new One
	freeze_meeting: SP-11			G: yes	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version,				remarks - general:	-> 32.111				
					remarks - this release:	.				
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	Rel-4	current version: none	WG (prime / other):	S5	/-	rappporteur:	NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND	
	freeze_meeting:			G: yes	U:	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-12 21/06/2001 1 . 0 . 0			get it	remarks - general:	was 32.104 (pars). SP-13: replaced by 52.402.				
	SP-13 11/10/2001 2 . 0 . 0		SP-010467 approved as 52.042	get it	remarks - this release:	.				
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	/-	rappporteur:	WILBER, John		
	freeze_meeting:			G: yes	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general:	Replaces 32.106 (pars). SP-12: stopped. See 32.601.				
					remarks - this release:	.				

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

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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	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson							
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian							
	<i>history (event, available, version,</i>										
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.						
				<i>remarks - this release:</i>	.						
<hr/>											
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	<i>current version:</i> solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf						
SIEMENS AG											
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian							
	<i>history (event, available, version,</i>										
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>	Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.						
				<i>remarks - this release:</i>	.						
<hr/>											
TS 32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)										
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson							
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian							
	<i>history (event, available, version,</i>										
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.604.						
				<i>remarks - this release:</i>	.						
<hr/>											
TS 32.602-1	Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements										
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One							
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian							
	<i>history (event, available, version,</i>										
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>	SP-12: stopped. See 32.611.						
				<i>remarks - this release:</i>	.						
<hr/>											
TS 32.602-2	Telecommunication management; Configuration Management (CM); CMt: Bulk Configuration Management Integration Reference Point (IRP): Information service										
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One							
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian							
	<i>history (event, available, version,</i>										
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>	SP-12: stopped. See 32.612.						
				<i>remarks - this release:</i>	.						

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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
	history (event, available, version,							
	SP-12 18/06/2001 2 . 0 . 0							
				get it	remarks - general:			SP-12: stopped. See 32.613.
					remarks - this release:			.
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
	history (event, available, version,							
	SP-12 18/06/2001 2 . 0 . 0							
				get it	remarks - general:			SP-12: stopped. See 32.614.
					remarks - this release:			.
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 One
	freeze_meeting:			G:	U: yes	MCC:		ZOICAS, Adrian
	history (event, available, version,							
	SP-12 18/06/2001 2 . 0 . 0							
				get it	remarks - general:			SP-12: stopped. See 32.615.
					remarks - this release:			.
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
	history (event, available, version,							
	SP-12 18/06/2001 2 . 0 . 0							
				get it	remarks - general:			Replaces 32.106 (pars).SP-12: stopped. See 32.621.
					remarks - this release:			.
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
	history (event, available, version,							
	SP-12 18/06/2001 2 . 0 . 0							
				get it	remarks - general:			Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.
					remarks - this release:			.

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

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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	/-	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting:			G: yes	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.		remarks - this release: .	
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	/-	rapporteur: TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting:			G: yes	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.624.		remarks - this release: .	
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	/-	rapporteur: PIRT, Trevor	MOTOROLA Ltd	
	freeze_meeting:			G: yes	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.106 (pars).SP-12: stopped. See 32.631.		remarks - this release: .	
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	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.		remarks - this release: .	
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	
	history (event, available, version, SP-12 18/06/2001 2 . 0 . 0			get it	remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.		remarks - this release: .	

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

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Server WITHDRAWN specs Rel-4 32 .- series
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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 Protocol	Rel-4	current version: (CMIP) solution set	none	WG (prime / other):	S5	/-	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>			G: yes	U: yes	MCC:			ZOICAS, Adrian	
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001		2 . 0 . 0					get it	remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.634.	remarks - this release: .
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	
	<i>freeze_meeting:</i>			G:	U: yes	MCC:			ZOICAS, Adrian	
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001		2 . 0 . 0					get it	remarks - general: Replaces 32.106 (pars).SP-12: stopped. See 32.641.	remarks - this release: .
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	
	<i>freeze_meeting:</i>			G:	U: yes	MCC:			ZOICAS, Adrian	
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001		2 . 0 . 0					get it	remarks - general: Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.	remarks - this release: .
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
	<i>freeze_meeting:</i>			G:	U: yes	MCC:			ZOICAS, Adrian	
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001		2 . 0 . 0					get it	remarks - general: Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.	remarks - this release: .
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
	<i>freeze_meeting:</i>			G:	U: yes	MCC:			ZOICAS, Adrian	
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001		2 . 0 . 0					get it	remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.644.	remarks - this release: .

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

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TS 32.623-1	Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements									
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor						MOTOROLA Ltd
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>						ZOICAS, Adrian
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>						Replaces 32.106 (pars).SP-12: stopped. See 32.651.
				<i>remarks - this release:</i>						.
<hr/>										
TS 32.623-2	Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)									
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas						Telefon AB LM Ericsson
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>						ZOICAS, Adrian
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>						Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.
				<i>remarks - this release:</i>						.
<hr/>										
TS 32.623-3	Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker									
Rel-4	<i>current version:</i> Architecture (CORBA) solution set		none	<i>WG (prime / other):</i>		S5	/-	<i>rapporteur:</i>		POLLAKOWSKI, Olaf
	SIEMENS AG									
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>						ZOICAS, Adrian
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>						Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.
				<i>remarks - this release:</i>						.
<hr/>										
TS 32.623-4	Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information									
Rel-4	<i>current version:</i> Protocol (CMIP) solution set		none	<i>WG (prime / other):</i>		S5	/-	<i>rapporteur:</i>		TOVINGER, Thomas
	Telefon AB LM Ericsson									
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>						ZOICAS, Adrian
	<i>history (event, available, version,</i>									
	SP-12 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i>						Replaces 32.107 (pars) SP-12: stopped. See 32.654.
				<i>remarks - this release:</i>						.

Rel-4 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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

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WITHDRAWN specs Rel-4 33 .- series
Server http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security
Rel-4 *current version: none* WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 3
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, draft 0 . 3 . 5 *remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
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.

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:* POPE, Maurice
history (event, available, version, *remarks - general:*
remarks - this release:

TR 33.904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms
Rel-4 *current version: none* WG (prime / other): S3 / SAG *rapporteur:* VACANT,
freeze_meeting: SP-11 E G: U: yes *MCC:* POPE, Maurice
history (event, available, version, draft 2 . 0 . 0 only available as *remarks - general:* Source: ETSI SAGE.
http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf *remarks - this release:* SP-15: Not to be promoted to Rel-5. In fact, replaced by 33.908.

Rel-4 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.001 GSM Specification set
Rel-4 *current version: none* WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-11 G: yes U: *MCC:* POPE, Maurice
history (event, available, version, SP-10 03/12/2000 1 . 0 . 0 [get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.
remarks - this release: ->41.102

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WITHDRAWN specs Rel-4 41 .- series
Server http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.102 GSM Release 4 specifications

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

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

remarks - general: Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.
remarks - this release: SP-20: Superseded by 41.101 Rel-4.

SP-10 1 . 0 . 0
SP-10 04/01/2001 1 . 0 . 1
SP-11 11/04/2001 4 . 0 . 0
SP-12 05/07/2001 4 . 1 . 0
SP-13 01/10/2001 4 . 2 . 0
SP-14 03/01/2002 4 . 3 . 0
SP-15 27/03/2002 4 . 4 . 0
SP-16 19/06/2002 4 . 5 . 0
post SP-16 25/06/2002 4 . 5 . 1
editorial
SP-17 18/09/2002 4 . 6 . 0
SP-18 03/01/2003 4 . 7 . 0
SP-19 27/03/2003 4 . 8 . 0
SP-20 4 . 9 . 0

[get it](#)
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Rel-4 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One

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

history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn.

[get it](#) *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.

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

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Server WITHDRAWN specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

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:* POPE, Maurice
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

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 Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version, TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12 [get it](#) *remarks - general:* TP-12: Becomes 22.048.
remarks - this release: TP-12: Becomes 22.048.

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
history (event, available, version, *remarks - general:* Scrapped - see 22.053, Rel-4 onwards.
remarks - this release:

Rel-4 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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:* POPE, Maurice
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn. [get it](#) *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.

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

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Server WITHDRAWN specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.035	Immediate Service Termination (IST); Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim					Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0 SP-15 26/03/2002 4 . 1 . 0		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice					
			get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035.					
			get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.					
TS 43.046	Technical Realization of Facsimile Group 3 Service - non transparent								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat					
	<i>history (event, available, version,</i> post-NP-14 23/01/2002 4 . 0 . 0	2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
			get it	<i>remarks - general:</i> 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.					
				<i>remarks - this release:</i> .2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.					
TS 43.048	Security Mechanisms for SIM Toolkit Application; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel MOTOROLA Ltd					
	<i>history (event, available, version,</i> TP-11 09/04/2001 4 . 0 . 0	withdrawn at TP-12	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
			get it	<i>remarks - general:</i> TP-12: replaced by 23.048.					
				<i>remarks - this release:</i> TP-12: replaced by 23.048.					
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume NOKIA Corporation					
	<i>history (event, available, version,</i> GP-02 05/01/2001 4 . 0 . 0	GP-08: withdrawn	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
			get it	<i>remarks - general:</i> Originally created as 03.51r00					
				<i>remarks - this release:</i> Created after TSG#8. GP-08: withdrawn					
TS 43.063	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter T-MOBILE DEUTSCHLAND					
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
			get it	<i>remarks - general:</i> 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to					
				<i>remarks - this release:</i> 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 withdraw.					
				work not continued beyond R99, so proposes to withdraw.					

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

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WITHDRAWN specs Rel-4 43 .- series
Server http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.071 Location Services (LCS); Functional description; Stage 2 (GSM)

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, SP-11 4 . 0 . 0 *remarks - general:* Superseded by 23.271 Rel-4.
remarks - this release: Superseded by 23.271 Rel-4.

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.008 Mobile radio interface layer 3 specification

Rel-4 *current version:* none *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 withdrawn NP-15 [get it](#) *remarks - general:*
remarks - this release: withdrawn at NP-15.

TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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

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Server WITHDRAWN specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,

remarks - general: -> 28.062
remarks - this release: -> 28.062

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

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 MOTOROLA A/S
freeze_meeting: Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-4 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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.

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

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Server WITHDRAWN specs Rel-4 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

TS 50.056	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, SP-11</i>	4 . 0 . 0	not to be produced				
					<i>remarks - general:</i> Apr 2001 - Sultan:no Rel-4 will exist		
					<i>remarks - this release:</i> Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.		
TS 50.089	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
					<i>remarks - general:</i>		
					<i>remarks - this release:</i> Usai Apr-2001: will never be produced.		
TR 50.099	GERAN project plan and open issues						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> BLADSSJO, David	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	draft 09/10/2000	0 . 0 . 1	get it		<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as		
	draft 06/11/2000	0 . 0 . 2	get it		<i>remarks - this release:</i> GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly Rel-5.		
GP-12: Rel-5 frozen, so draft moved to Rel-6.							
	draft 02/04/2000	0 . 0 . 2	get it		numbered and were not subsequent at all, so do not appear in history; latest draft		
	draft 08/05/2000	0 . 0 . 3	get it		is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".		
	draft 28/05/2000	0 . 0 . 4	get it				
GP-04	10/05/2000	0 . 0 . 6	get it		2002-01-23: Usai indicates "stopped".		
	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 12/04/2002	0 . 0 . 15	get it				
GP-09	22/04/2002	0 . 0 . 16	get it		GP-021208		
	draft 17/09/2002	0 . 0 . 20	get it				
GP-12	26/11/2002	0 . 23 . 0	get it		GP-023436		

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

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WITHDRAWN specs Rel-4 51 .- series
Server http://www.3gpp.org/ftp/Specs/archive/51_series

Rel-4 51 .- series Server location: 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):* T3 / G5, *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 G4

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
TP-14 02/01/2002 0 . 0 . 1 TP-010250

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because
remarks - this release: TP-17: Withdrawn, because doc was in fact R99, not Rel-4. doc was in fact R99, not

Rel-4. TP-20: transferred to T3 (for when Rel-4

Rel-4 52 .- series Server location: 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 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13 [get it](#) *remarks - general:*
SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be [get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.
withdrawn. A sort of non-version.
Anti-bootstrapping (autointerment?)

R00

R00 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

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WITHDRAWN specs R00 02 .- series
Server 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:
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

TS 02.69 Voice Broadcast Service (VBS); Stage 1
R00 *current version: none*
freeze_meeting:
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

R00 03 .- series Server location: 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, France Telecom
GP
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,
smg-32 16/01/2001 9 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2
R00 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

remarks - general: -> 43.051
remarks - this release: .

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

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Server WITHDRAWN specs R00 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.59 Location services (LCS) GERAN; Stage 2

R00 *current version: none*
freeze_meeting:
history (event, available, version,
draft 30/05/2000 0 . 0 . 1

WG (prime / other): G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: replaced by 43.059

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R00 *current version: none*
freeze_meeting:
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0

TS 03.69 Voice Broadcast service (VBS); Stage 2

R00 *current version: none*
freeze_meeting:
history (event, available, version,
smg-30 20/06/2000 9 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0

R00 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R00 *current version: none*
freeze_meeting:
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
remarks - this release: Aug00: replaced by 44.018

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

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Server WITHDRAWN specs R00 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68 Group Call Control (GCC) Protocol
R00 *current version: none* *freeze_meeting:* *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0 *G: yes U:* *MCC:* JORGENSEN, Per Johan
[get it](#) *remarks - general:*
remarks - this release:

TS 04.69 Broadcast Call Control (BCC) protocol
R00 *current version: none* *freeze_meeting:* *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
history (event, available, version, smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0 *G: yes U:* *MCC:* JORGENSEN, Per Johan
[get it](#) *remarks - general:*
remarks - this release:

R00 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

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 MOTOROLA A/S
history (event, available, version, smg-29 30/06/1999 8 . 0 . 0 *G: yes U:* *MCC:* Peter Skov THOMASEN, Gert
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - general:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#) *remarks - this release: #32:9.0.0 Aug00: replaced by 48.008*
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
Fix graphics 16/05/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
smg-32 20/06/2000 9 . 0 . 0 [get it](#)

R00 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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

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Server WITHDRAWN specs R00 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.99 GERAN project plan and open issues

R00 current version: none

freeze_meeting:

history (event, available, version,
draft (as 10.99) 30/05/2000 0 . 0 . 5

WG (prime / other): - / rapporteur: MUELLER, Frank

G: yes U: MCC: N, A

Telefon AB LM Ericsson

[get it](#) remarks - general:
remarks - this release: .

R00 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R00 current version: none

freeze_meeting:

history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0
edito 12/07/2000 9 . 0 . 1

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia

NP /
T2 /
SCP
/ G4

TELEPLUS LIMITED

G: yes U: MCC: SALMERON, Lidia

[get it](#) remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
[get it](#) remarks - this release: #32:9.0.0->51.010-1v4.0.1 replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R00 current version: none

freeze_meeting:

history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 Tdoc 7-00-276; P-00-266

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia

NP /
T2 /
SCP
/ G4

TELEPLUS LIMITED

G: yes U: MCC: SALMERON, Lidia

[get it](#) remarks - general: 2001-11-19: G4->G5.
remarks - this release: #32:9.0.0->51.010-3v4.0.0

R00 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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Server WITHDRAWN specs R00 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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:* KRAUSE, Joern
history (event, available, version,
draft 15/08/2000 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 21/09/2000 0 . 1 . 0 RP-000642 [get it](#) *remarks - this release:* -> Rel-4

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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
history (event, available, version,
smg-30 11/11/1999 8 . 0 . 0 SP-15: withdrawn since SMG and [get it](#) *remarks - general:*
PT-SMG no longer exist. *remarks - this release:*

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:* MESSIET, Samira ALCATEL S.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael
history (event, available, version,
Withdrawn 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: CTS is dead duck

R99 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi				NOKIA Corporation
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	8	.	0	.	0	get it	<i>remarks - general:</i>	
	smg-29 25/06/1999	8	.	1	.	0	get it	<i>remarks - this release:</i> TSG#6: ->3G	
	smg-30 25/10/2001	8	.	2	.	0	get it		
	ETSI publication 30/10/2001	8	.	2	.	1	get it		

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul				Research In Motion Limited
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	8	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan				T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-30 11/11/1999	8	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i> #30: 8.0.0 TSG#6->3g	

TS 02.04	General on Supplementary Services								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul				Research In Motion Limited
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	8	.	0	.	0	get it	<i>remarks - general:</i>	
	smg-29 26/06/1999	8	.	1	.	0	get it	<i>remarks - this release:</i>	withdrawn (becomes 22.004)

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

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07	Mobile Station (MS) Features								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	8	.	0	.	0			
	smg-30	8	.	1	.	0			
							WG (prime / other): S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc
							G: yes U:	<i>MCC:</i> CLAYTON, Michael	
								get it <i>remarks - general:</i>	
								get it <i>remarks - this release:</i> TSG#6: withdrawn	
									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	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	Upgrade to R99 30/06/2000	8	.	0	.	0			
	ETSI publication 05/06/2001	8	.	0	.	1			
							WG (prime / other): S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One
							G: yes U:	<i>MCC:</i> POPE, Maurice	
								get it <i>remarks - general:</i>	
								get it <i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.	
									SP-18: Withdrawn in favour of 22.031.
TS 02.32	Immediate Service Termination (IST); Service description; Stage 1								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	Upgrade to R99 14/02/2000	8	.	0	.	0			
	ETSI publication 05/06/2001	8	.	0	.	1			
							WG (prime / other): S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One
							G: yes U:	<i>MCC:</i> POPE, Maurice	
								get it <i>remarks - general:</i>	
								get it <i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032 R99.	
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	8	.	0	.	0			
	smg-29 25/06/1999	8	.	1	.	0			
							WG (prime / other): S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation
							G: yes U:	<i>MCC:</i> CLAYTON, Michael	
								get it <i>remarks - general:</i>	
								get it <i>remarks - this release:</i>	
									withdrawn -> 22.034

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

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WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

				Server	
TS 02.38	SIM application toolkit (SAT); Stage 1				
R99	current version: none freeze_meeting: SP-06 history (event, available, version,	WG (prime / other): S1 / SCP G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited
			remarks - general: Moved from T3 Jan-00. remarks - this release: Place holder - no spec.		
TS 02.40	Procedures for Call Progress Indications				
R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-30 11/11/1999 8 . 0 . 0	WG (prime / other): S1 / NP G: yes U:	rapporteur: DWYER, Paul MCC: CLAYTON, Michael		NORTEL NETWORKS (EUROPE)
	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	remarks - general: remarks - this release: R99 -> 22.101		
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1				
R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-29 25/06/1999 8 . 0 . 0	WG (prime / other): S1 / G: yes U:	rapporteur: GILES, Les MCC: CLAYTON, Michael		Union Internationale des Chemins de Fer
	withdrawn -> 22.042	get it	remarks - general: remarks - this release:		
TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1				
R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-29 25/06/1999 8 . 0 . 0	WG (prime / other): S1 / - G: yes U:	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael		EMCOM Ltd
		get it	remarks - general: remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)		
TS 02.60	General Packet Radio Service Stage 1 Description				
R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-28 12/02/1999 8 . 0 . 0 smg-29 25/06/1999 8 . 1 . 0	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited
		get it	remarks - general: remarks - this release: #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)		

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WITHDRAWN specs R99 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

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
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1
R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: SP-06 G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1
R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
freeze_meeting: SP-06 G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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: YOON, Sang-Ui
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: Never produced; make do with R98 version.

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

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2						
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim				Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0 SP-18: withdrawn	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
		get it	<i>remarks - general:</i> 2001-09-03: S3 secretary reports that this spec is not mature enough for official				
			<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. publication. Work continues				
in 43.031. SP-18: in fact, in 23.031.							
TS 03.35	Immediate Service Termination (IST); Stage 2						
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim				Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0 SP-11 04/04/2001 8 . 1 . 0	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
		get it	<i>remarks - general:</i>				
		get it	<i>remarks - this release:</i> SP-16: withdrawn in favouf of 23.035 R99.				
TR 03.43	Support of Videotex						
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo				Telecom Italia Lab S.p.A.
	<i>history (event, available, version,</i> frozen at v7 20/11/2000 8 . 0 . 0 (withdrawn)	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm				
		get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> Frozen at v7				
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)						
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm				Vodafone D2 GmbH
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm				
		get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> Sticks at v7				
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)						
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm				Vodafone D2 GmbH
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm				
		get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

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

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)									
R99	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND,			Vodafone D2 GmbH			
	<i>freeze_meeting:</i> SP-06			Friedhelm						
	<i>history (event, available, version,</i>		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	Upgrade to R99 30/06/2000 8 . 0 . 0									
			<u>get it</u>	<i>remarks - general:</i>						
				<i>remarks - this release:</i> clamped at v7						
<hr/>										
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2									
R99	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin			Nortel			
	<i>freeze_meeting:</i> SP-06			<i>MCC:</i> YOON, Sang-Ui						
	<i>history (event, available, version,</i>		<i>G:</i> yes <i>U:</i>							
	Upgrade to R99 01/05/2000 8 . 0 . 0									
			<u>get it</u>	<i>remarks - general:</i>						
				<i>remarks - this release:</i> Never produced; make do with R98 version.						
<hr/>										
TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2									
R99	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter			T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-06			<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>		<i>G:</i> yes <i>U:</i>							
	smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn									
			<u>get it</u>	<i>remarks - general:</i>						
				<i>remarks - this release:</i> TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.						
<hr/>										
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2									
R99	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo			TeliaSonera AB			
	<i>freeze_meeting:</i> SP-06			<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>		<i>G:</i> yes <i>U:</i>							
	smg-28 12/02/1999 8 . 0 . 0									
			<u>get it</u>	<i>remarks - general:</i>						
				<i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)						

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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

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WITHDRAWN specs R99 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

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):* N3 /- *rporteur:* KLEHN, Norbert
SIEMENS AG

freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, smg-29 25/06/1999 8 . 0 . 0 withdrawn [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3
R99 *current version: none* *WG (prime / other):* N1 /- *rporteur:* JACOBSONH, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

TS 04.94 Follow Me Service description; Stage 3
R99 *current version: none* *WG (prime / other):* - /- *rporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-06 *G: yes U:* *MCC:* N, A
history (event, available, version, *remarks - general:* TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines
R99 *current version: none* *WG (prime / other):* G1 / G2 *rporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, *remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
Changed from G2 to G1 at same time.
R99 will not be produced (source: Usai 2001-01-05)

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

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Server WITHDRAWN specs R99 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

R99 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.08 GSM Application Programming Interface

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: SP-06 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
Creation of R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: Frozen at v5

R99 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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				Server	WITHDRAWN specs	R99	09	.- series
					http://www.3gpp.org/ftp/Specs/archive/09_series			
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	<i>current version:</i> Network (PSTN)	none	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert	
SIEMENS AG								
	<i>freeze_meeting:</i> SP-06	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David			
	<i>history (event, available, version,</i>							
	smg-29 25/06/1999 8 . 0 . 0			get it	<i>remarks - general:</i>			
					<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
TS 09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling							
R99	<i>current version:</i> none		<i>WG (prime / other):</i>	SPA / N4	<i>rapporteur:</i>	SPORTON, Simon VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-06	G: yes	U:	<i>MCC:</i>				
	<i>history (event, available, version,</i>							
	WITHDRAWN 29/05/2000 8 . 0 . 0			get it	<i>remarks - general:</i> EN 302 646			
					<i>remarks - this release:</i> May00: Possibly no need for an update.			
TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification							
R99	<i>current version:</i> none		<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	MILLS, Duncan VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-06	G: yes	U:	<i>MCC:</i>	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>							
	smg-29 25/06/1999 8 . 0 . 0			get it	<i>remarks - general:</i>			
					<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults							
R99	<i>current version:</i> none		<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ANDERSEN, Niels MOTOROLA A/S		
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	Peter Skov JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>							
					<i>remarks - general:</i>			
					<i>remarks - this release:</i> 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.			

R99

10 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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

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Server WITHDRAWN specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43	Support of Localised Service Area (SoLSA); Work Item Status				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	draft 17/04/1998 1 . 2 . 0 empty!	get it	<i>remarks - general:</i>		
	smg-28 30/06/1999 1 . 11 . 0	get it	<i>remarks - this release:</i> #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.		
<hr/>					
TR 10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	WITHDRAWN 14/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references		
			<i>remarks - this release:</i> No R99 impact.		
<hr/>					
TR 10.76	Noise suppression for the AMR codec; Project scheduling and open issues				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	draft 15/08/1999 0 . 0 . 8	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".		
	draft 15/10/1999 1 . 0 . 0 2002-01-23: Usai indicates "stopped".	get it	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".		
<hr/>					
TS 10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	draft 14/03/2000 0 . 0 . 3	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".		
	draft 08/04/2000 0 . 0 . 4	get it	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".		
	draft 19/04/2000 0 . 0 . 5	get it			
	draft 04/08/2000 0 . 0 . 6 2002-01-23: Usai indicates "stopped".	get it			

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

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WITHDRAWN specs R99 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

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):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /

T2 /
SCP

/ G4

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version,

Upgrade to R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.

remarks - this release: proposed, but nya; flagged as withdrawn at SMG#32 to make life easier

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R99 *current version:* none *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /

T2 /
SCP

/ G4

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version,

Upgraded to R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.

remarks - this release: skipped straight to R00.

TS 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface

R99 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,

Upgrade to R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*

remarks - this release: Sanders Oct 2000: Effectively replaced by 31.101.

R99

21 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

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Server WITHDRAWN specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.010	reserved								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-06			G: U: yes	MCC: POPE, Maurice				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> 3.0.0 dates from June 99

TS 21.100	3G specification handling procedures								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06			G: U: yes	MCC: N, A				
	<i>history (event, available, version,</i>								
	SP-08 28/06/2000 1 . 0 . 0			get it	<i>remarks - general:</i> Knobbed prior to SA#8.				
					<i>remarks - this release:</i>				

TS 21.906	reserved								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-06			G: U: yes	MCC: N, A				
	<i>history (event, available, version,</i>								
	First complete 04/03/1999 0 . 0 . 0			get it	<i>remarks - general:</i>				
	SP-03 3 . 0 . 0				<i>remarks - this release:</i> .				

R99 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043	Support of Localized Service Area (SoLSA); Service description; Stage 1								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1			get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-08 28/06/2000 3 . 1 . 0			get it	<i>remarks - this release:</i> Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.				

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

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* none
freeze_meeting: SP-11
history (event, available, version, SP-06) 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes *U:* yes *MCC:* USAI, Paulino

remarks - general: Transfer>TSG#4.
remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.

TR 22.907 Terminal concepts

R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version, Table of Contents 19/10/1997 0 . 0 . 2
and Scope
First complete 19/12/1997 1 . 0 . 0
WG approval 15/02/1998 2 . 0 . 0
TB approval 20/03/1998 3 . 0 . 0
SP-03 22/04/1999 3 . 1 . 2
SP-04 23/06/1999 3 . 1 . 3

WG (prime / other): - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* CR at TSG#4 Not maintained
remarks - this release: Withdrawn (Clayton 2000-02-11)

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

TR 22.924 Charging and accounting mechanisms

R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version, Table of Contents 19/10/1997 0 . 0 . 1
and Scope
First complete 19/12/1997 1 . 2 . 1
WG approval 15/02/1997 2 . 0 . 0
Under TB change 20/03/1998 3 . 0 . 0
control
TB approval 15/02/1999 3 . 1 . 0
SP-03 23/04/1999 3 . 1 . 1

WG (prime / other): - / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: .

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

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

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.925	Quality of Service (QoS) and network performance					
R99	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	ERIKSSON, Olle	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-03	G:	U: yes	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>					
	First complete 13/06/1997			get it	<i>remarks - general:</i>	
	WG approval 19/12/1997			get it	<i>remarks - this release:</i>	.
	TB approval 20/03/1998			get it		
	SP-03 23/04/1999			get it		
	1 . 1 . 0					
	2 . 0 . 0					
	3 . 0 . 0					
	3 . 1 . 1					
<hr/>						
TR 22.960	Mobile multimedia services					
R99	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	AHNBERG, Tomas	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-03	G:	U: yes	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>					
	Table of Contents 17/10/1997			get it	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i>	.
	First complete 19/12/1997			get it		
	WG approval 15/02/1997			get it		
	SP-03 23/04/1999			get it		
	0 . 0 . 4					
	1 . 0 . 0					
	2 . 0 . 0					
	3 . 0 . 1					withdrawn
<hr/>						
TR 22.970	Virtual Home Environment Report					
R99	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-03	G:	U: yes	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>					
	Table of Contents 19/10/1997			get it	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i>	.
	First complete 19/12/1997			get it		
	WG approval 15/02/1998			get it		
	TB approval 20/03/1998			get it		
	SP-03 23/04/1999			get it		
	0 . 0 . 7					
	1 . 0 . 0					
	2 . 0 . 0					
	3 . 0 . 0					
	3 . 0 . 1					
<hr/>						
TR 22.972	Circuit-switched multimedia					
R99	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>					
	First complete 23/04/1999			get it	<i>remarks - general:</i>	Title grows "cct sw".
					<i>remarks - this release:</i>	Withdrawn (Clayton 2000-02-11)
	0 . 0 . 0					

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

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010 GSM Public Land Mobile Network (PLMN) Connection Types

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* N, A
history (event, available, version,
SP-03 30/05/1999 3 . 0 . 0 [get it](#) *remarks - general:* superseded by 23.910
remarks - this release: TSG#7:3.0.0 - later scrapped

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 MOTOROLA A/S
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* Superseded by 23.122
SP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:* 3.1.0 dates from June 99

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
history (event, available, version,
SP-03 30/05/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: 3.0.0 Apr 99 - later scrapped

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
history (event, available, version,
SP-03 30/05/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: 3.0.0 Apr 99 - later scrapped

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

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.045	Technical Realization of Facsimile Group 3 Service - transparent						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> N, A			
<i>history (event, available, version,</i>	SP-03 23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i> Version 8.x.x exists			
				<i>remarks - this release:</i> 3.0.0 Apr 99 - reverts to 03.45 v8.0.0			
<hr/>							
TS 23.046	Technical realisation of facsimile Group 3 service - non-transparent						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> N, A			
<i>history (event, available, version,</i>	SP-03 23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i> superseded by 23.146			
				<i>remarks - this release:</i> 3.0.0 Apr 99			
<hr/>							
TS 23.054	Shared Interworking Functions (SIWF); Stage 2						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> ROSTÖ, Tommy	Indicate persons who left Company and wait for new			
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David	One		
<i>history (event, available, version,</i>	NP-03 23/04/1999	3 . 0 . 0	NP-13: withdrawn	get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> NP-13: withdrawn.		
<hr/>							
TS 23.069	Voice Broadcast service (VBS); Stage 2						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan			
<i>history (event, available, version,</i>	NP-03 23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i> Reverts to 03.69 R99.			
				<i>remarks - this release:</i> 3.0.0 Apr 99 - Reverts to 03.69 R99.			
<hr/>							
TS 23.070	Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KOSYDAR, L	Indicate persons who left Company and wait for new			
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> N, A	One		
<i>history (event, available, version,</i>	SP-03 23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 03.70 R98.			
				<i>remarks - this release:</i> withdrawn NP-06			

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

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Server WITHDRAWN specs R99 23 .- series
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TS 23.071	Location Services (LCS); Functional description; Stage 2								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-04 30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	superseded by 25.305
								<i>remarks - this release:</i>	.
<hr/>									
TS 23.073	Support of Localised Service Area (SoLSA); Stage 2								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-05								
	<i>history (event, available, version,</i>								
	NP-05 13/10/1999	3	.	0	.	0			
	edito 06/06/2000	3	.	0	.	1			
							get it	<i>remarks - general:</i>	Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
							get it	<i>remarks - this release:</i>	SP-16: reverts to 03.73 since applies to GERAN systems only.
<hr/>									
TS 23.920	Evolution of the GSM platform towards UMTS								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	Table of Contents	17/10/1997	0	.	0	.	3		
	and Scope								
	Transfer to SP SA	04/03/1999	0	.	6	.	1		
	SP-03	23/04/1999	1	.	0	.	0		
	WG approval	01/04/1999	1	.	0	.	0		
	First complete	01/04/1999	1	.	0	.	0		
	SP-04	23/06/1999	3	.	0	.	0		
	SP-05	13/10/1999	3	.	1	.	0		
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	Stopped TSG#6
<hr/>									
TR 23.922	Architecture for an All IP network								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	.	0	.	0			
							get it	<i>remarks - general:</i>	TSG#5: 1.0.0
								<i>remarks - this release:</i>	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.

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

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.925	UMTS Core network based ATM transport				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>				
	Table of Contents 22/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.	
	and Scope			<i>remarks - this release:</i> .SP-20: stopped SP-20: stopped	
	SP-03 23/04/1999	0 . 2 . 0	get it		
<hr/>					
TR 23.927	VHE, Open Service Architecture (OSA)				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
	First complete 23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> Replaced by 23.127	
	SP-03 23/04/1999	0 . 1 . 0 withdrawn	get it	<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11).	
<hr/>					
TR 23.960	Framework of network functions to support multimedia services				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GABE, Axel	SIEMENS AG	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
	SP-03 23/04/1999	0 . 1 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<hr/>					
R99 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series					
TS 24.012	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> AL -BAKRI, Ban	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999	3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12	
				<i>remarks - this release:</i> Replaced by 04.12 R99. R99) and shift responsibility to G2 (and should have been	
N2 anyway). Agreed to					
txfer to G2, but still as 24.012.					
<hr/>					

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

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Server WITHDRAWN specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-12 *G:* U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* Scrapped: is GSM only
NP-04 27/05/1999 3 . 1 . 0 [get it](#) *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.

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:* JORGENSEN, Per Johan
history (event, available, version,
NP-03 3 . 0 . 0 *remarks - general:* GSM only for R99.
NP-04 3 . 1 . 0 *remarks - this release:* GSM only for R99.

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:* JORGENSEN, Per Johan
history (event, available, version,
NP-03 3 . 0 . 0 *remarks - general:* GSM only for R99.
NP-04 3 . 1 . 0 *remarks - this release:* GSM only for R99.

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
history (event, available, version,
remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: USSD does all. No draft expected.

R99 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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Server WITHDRAWN specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.053 Tandem Free Operation (TFO); Service description; Stage 2

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

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

TS 25.103 RF parameters in support of RRM

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
First complete 04/03/1999 0 . 0 . 0
NP-03 23/04/1999 0 . 1 . 0
NP-04 23/06/1999 1 . 0 . 0
NP-05 13/10/1999 2 . 0 . 0

WG (prime / other): - / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
G: yes *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Withdrawn in favour of 25.123 & 25.133
[get it](#) *remarks - this release:* Withdrawn
[get it](#)
[get it](#)

TR 25.831 Study Items for future release

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0
RP-04 23/06/1999 0 . 0 . 2

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-19 (post R3-31): stopped.

TR 25.923 Stage 2 Functional Specification of Location Services in UTRAN

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
draft 30/04/1999 1 . 0 . 0
draft 01/09/1999 1 . 2 . 0
draft 30/09/1999 1 . 4 . 0

WG (prime / other): - / - *rapporteur:* STEER, David G NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* superseded by 25.305
[get it](#) *remarks - this release:* .
[get it](#)

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Server WITHDRAWN specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.926 UE Radio Access capabilities definition

R99 *current version:* none
freeze_meeting: SP-07
history (event, available, version,

RP-05	13/10/1999	0	.	0	.	0
R2-08	30/11/1999	0	.	1	.	0
R2-09	17/12/1999	1	.	0	.	0
RP-07	15/03/2000	3	.	0	.	0
RP-08	23/06/2000	3	.	1	.	0
RP-08	06/10/2000	3	.	2	.	0
RP-10	15/12/2000	3	.	3	.	0

) WG (prime / other): R2 / - *rapporteur:* LUNDSJÖ, Johan Ericsson AB
G: U: yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* ->25.306 Nov 00.
[get it](#) *remarks - this release:* Nov00->25.306 but first ->TSG#10:3.3.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 25.990 Vocabulary for UTRAN

R99 *current version:* none
freeze_meeting: SP-05
history (event, available, version,

RP-03	23/04/1999	0	.	0	.	2
RP-04	23/06/1999	0	.	1	.	4
RP-05	13/10/1999	3	.	0	.	0

) WG (prime / other): R4 / - *rapporteur:* OKRAH, Peter Motorola Inc.
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* ->21.905
[get it](#) *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.
[get it](#)

R99 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.075 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* none
freeze_meeting: SP-07
history (event, available, version,

SP-03	23/04/1999	0	.	0	.	0
SP-06	17/12/1999	1	.	0	.	0
SP-05	13/10/1999	1	.	0	.	0
SP-04	23/06/1999	1	.	0	.	0
Editorial	23/06/2000	1	.	2	.	0

) WG (prime / other): - / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes U: yes *MCC:* N, A

[get it](#) *remarks - general:* Created TSG#6. Replaced by '975 at TSG#7.
[get it](#) *remarks - this release:* replaced by 26.975
[get it](#)
[get it](#)

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-04 23/06/1999 1 . 1 . 0	get it	<i>remarks - this release:</i>			

TS 26.115	Echo control for speech and multi-media services					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	Creation of WI by 02/02/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	WG/TB		<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.			

TS 26.121	Technical Specification for Tandem Free Operation within 3G networks					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain		Cingular Wireless LLC	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TS 26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain		Cingular Wireless LLC	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TS 26.133	Wide band speech telephony terminal acoustic characteristics					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.			
			<i>remarks - this release:</i> .			

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

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.134	Wide band speech telephony terminal acoustic test specification				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<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: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.137	Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.138	Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		

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

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

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
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
SP-04 23/06/1999 0 . 0 . 1 [get it](#) *remarks - this release:* No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.

R99 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

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
history (event, available, version,
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: withdrawn from R99.

R99 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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):* - / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-08 *G:* U: yes *MCC:* N, A
history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* N3 indicates not required for R99, so revert to 09.04 R98.
remarks - this release:

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):* - / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-08 *G:* U: yes *MCC:* N, A
history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* N3 indicates not required for R99, so revert to 09.05 R98.
remarks - this release:

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Server WITHDRAWN specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BRAUN, Achim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-03				
	<i>history (event, available, version,</i>	G: yes U: yes	MCC: N, A		
	SP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 09.06 R98.		
			<i>remarks - this release:</i> withdrawn NP-06		
<hr/>					
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François ALCATEL S.A.		
	<i>freeze_meeting:</i>	G: yes U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>		<i>remarks - general:</i> RP-19: stopped.		
			<i>remarks - this release:</i> .		

R99 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

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Server WITHDRAWN specs R99 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.531 Work Plan and Study Items - RAN WG3

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

draft	15/02/1999	0 . 0 . 1	get it	<i>remarks - general:</i>
draft	15/03/1999	0 . 0 . 2	get it	<i>remarks - this release:</i> 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to Rel-6
draft	15/04/1999	0 . 0 . 3	get it	
RP-03	23/04/1999	0 . 1 . 0	get it	
draft	15/05/1999	0 . 1 . 1	get it	
RP-04	23/06/1999	0 . 1 . 2	get it	
RP-05	13/10/1999	0 . 3 . 1	get it	
draft	30/10/1999	0 . 3 . 2	get it	
draft	15/11/1999	0 . 4 . 0	get it	
draft	30/11/1999	0 . 4 . 1	get it	
RP-06	12/12/1999	0 . 5 . 0	get it	
draft	15/01/2000	0 . 5 . 1	get it	
draft	15/02/2000	0 . 6 . 0	get it	
draft	20/02/2000	0 . 6 . 1	get it	
RP-07	15/03/2000	0 . 7 . 0	get it	RP-000142
draft	30/03/2000	0 . 7 . 1	get it	
RP-08	23/06/2000	0 . 8 . 0	get it	
RP-09	15/08/2000	0 . 8 . 1	get it	
RP-09	03/10/2000	0 . 8 . 2	get it	
RP-10		0 . 8 . 5	get it	RP-000688
draft	21/12/2000	0 . 8 . 6	get it	
RP-11	27/03/2001	0 . 8 . 8	get it	
RP-12	05/07/2001	0 . 9 . 0	get it	RP-010388
RP-13	01/10/2001	0 . 9 . 2	get it	RP-010604
draft	23/11/2001	0 . 9 . 3	get it	R3-013076

R99

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Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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Server WITHDRAWN specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects

R99 *current version:* none *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: TP-12 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-11 05/04/2001 1 . 0 . 0 Thought to have been approved as [get it](#) *remarks - general:*
3.0.0, but in fact was not! (JMM after *remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.
Sanders 2001-05-16)
TP-12 2 . 0 . 0 TP-010113
TP-12 06/07/2001 3 . 0 . 0 [get it](#)
TP-13 12/10/2001 3 . 1 . 0 [get it](#)
TP-15 28/03/2002 3 . 2 . 0 TP-16: withdrawn; only Rel-5 remains [get it](#)
valid.

R99 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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
history (event, available, version,
remarks - general: Existence deduced from STF139 programme. But denied by Sjöblom.
remarks - this release: Not to be produced.

TS 32.106 Configuration Management

R99 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into eight parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:* SP-08: multipart split from parent 3.0.1
SP-07 2 . 0 . 0
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 withdrawn SP-08 [get it](#)

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

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Server WITHDRAWN specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111	3G Fault Management								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	.	0	.	0		get it	<i>remarks - general:</i> TSG#8: split into 4 parts
	SP-06 17/12/1999	1	.	1	.	0		get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
	SP-07 17/03/2000	3	.	0	.	0		get it	
	Editorial 17/03/2000	3	.	0	.	1		get it	
	SP-08: split into 23/06/2000	3	.	1	.	0		get it	
	parts								
	Formatting 18/07/2000	3	.	2	.	0		get it	

R99 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.900	Guide to 3G security								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	SP-08 23/06/2000	1	.	2	.	0		get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> New at TSG#6

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	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-10								
	<i>history (event, available, version,</i>								
	SP-10 16/01/2001	1	.	0	.	0	SP-000629	get it	<i>remarks - general:</i> TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
	SP-10	3	.	0	.	0	withdrawn, not needed for R99		<i>remarks - this release:</i> TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.

R99 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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

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Server WITHDRAWN specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

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*;	R99	current version: Document 1: General	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SAGE only supplied PDF, so no real deliverable yet available - SP-000630	get it	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
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*;	R99	current version: Document 2: Algorithm specification	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SP-000673	get it	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
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*;	R99	current version: Document 3: Implementors' test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SP-000630	get it	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
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*;	R99	current version: Document 4: Design conformance test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SP-000630	get it	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

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Server WITHDRAWN specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

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*;
R99 *current version:* Document 5: Summary and results of design and evaluation none *WG (prime / other):* S3 /- *rappporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version, SP-11 3 . 0 . 0

remarks - general: ex SAGE
remarks - this release: This turns out to be a report, so -> 35.909.

UMTS

UMTS 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.01U Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)
UMTS *current version:* none *WG (prime / other):* SMG / *rappporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes *MCC:*
history (event, available, version, smg-03 18/11/1994 3 . 0 . 0 [get it](#) *remarks - general:*
smg-18 21/05/1996 3 . 1 . 0 [get it](#) *remarks - this release:* .
smg-19 04/09/1996 3 . 2 . 0 [get it](#)

TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes
UMTS *current version:* none *WG (prime / other):* SMG / *rappporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes *MCC:*
history (event, available, version, smg-05 3 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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WITHDRAWN specs UMTS 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.03U Universal Mobile Telecommunications System (UMTS); System requirements
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* RICHARDS, Derek Megisto Systems Inc.
freeze_meeting: *G: yes U:* *MCC:*
history (event, available, version,
ETSI publication 15/05/1996 3 . 1 . 0 withdrawn [get it](#) *remarks - general:* ETSI ETR 291 withdrawn.
remarks - this release: ETSI ETR 291, withdrawn.

TS 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
freeze_meeting: *G: yes U:* *MCC:* N, A One
history (event, available, version,
smg-19 28/09/1996 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 01.05U System design methodology for the UMTS
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* VACANT,
freeze_meeting: *G: yes U:* *MCC:*
history (event, available, version,
draft 05/03/1997 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

UMTS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01U Framework for services to be supported by UMTS
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: *G: yes U:* *MCC:* N, A One
history (event, available, version,
Suspended 10/04/1996 3 . 0 . 0 [get it](#) *remarks - general:*
animation *remarks - this release:* .

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Server WITHDRAWN specs UMTS 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.02U	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept				
UMTS	current version: none freeze_meeting:	WG (prime / other):	GP / -	rapporteur:	ANDERSEN, Niels MOTOROLA A/S Peter Skov USAI, Paolino
	history (event, available, version,	G:	U:	MCC:	
	smg-22 13/06/1997 3 . 0 . 0				
	ETSI publication 03/11/1998 3 . 0 . 1	get it		remarks - general:	
		get it		remarks - this release:	
TS 21.04U	Requirements for the support of data services in UMTS				
UMTS	current version: none freeze_meeting:	WG (prime / other):	- / -	rapporteur:	HOLLEY, Kevin mmO2 plc N, A
	history (event, available, version,	G:	U:	MCC:	
	draft 17/01/2000 1 . 0 . 0				
		get it		remarks - general:	
				remarks - this release:	#26: 0.0.2 or perhaps as 1.0.0
TR 21.06U	O&M requirements for the UMTS				
UMTS	current version: none freeze_meeting:	WG (prime / other):	- / -	rapporteur:	WEICHSELBAUM, Vodafone D2 GmbH Steffen
	history (event, available, version,	G:	U:	MCC:	N, A
	First complete 19/10/1997 1 . 0 . 0				
	Milestone 1 19/12/1997 1 . 1 . 2	get it		remarks - general:	
	WG approval 17/02/1997 2 . 0 . 0	get it		remarks - this release:	
	smg-25 20/03/1998 3 . 0 . 0	get it			

UMTS 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.00U	UMTS Phase 1					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> VERRIER, David	France Telecom	
	<i>freeze_meeting:</i>		G: U:	MCC: N, A		
	<i>history (event, available, version,</i>					
	smg-27	1 . 0 . 0				<i>remarks - general:</i>
	draft 24/11/1998	1 . 3 . 0				<i>remarks - this release:</i>
			get it			
<hr/>						
TS 22.01U	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>		G: U:	MCC: N, A		
	<i>history (event, available, version,</i>					
	smg-21	3 . 0 . 0				<i>remarks - general:</i>
	smg-22	3 . 1 . 0				<i>remarks - this release:</i>
	smg-24	3 . 2 . 1				
	smg-27 17/10/1998	3 . 3 . 0				
			get it			
<hr/>						
TS 22.05U	Services and service capabilities					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA,	France Telecom	
	<i>freeze_meeting:</i>		G: U:	Emmanuel		
	<i>history (event, available, version,</i>			MCC: N, A		
	smg-25	3 . 0 . 0				<i>remarks - general:</i>
	smg-26 01/07/1998	3 . 1 . 0				<i>remarks - this release:</i>
			get it			
<hr/>						
TR 22.07U	UMTS terminal and smart card concepts					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SMOLANDER, Jouni	NOKIA Corporation	
	<i>freeze_meeting:</i>		G: yes U:	MCC: N, A		
	<i>history (event, available, version,</i>					
	smg-25	3 . 0 . 0				<i>remarks - general:</i>
	smg-27	3 . 1 . 0				<i>remarks - this release:</i>
	edito 29/10/1998	3 . 1 . 1				
			get it			
<hr/>						
TS 22.21U	Virtual Home Environment					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i>		G: U:	MCC: N, A		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.24U	Charging and Accounting Mechanism					
UMTS	<i>current version: none</i>					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998 3 . 0 . 0					
		<i>WG (prime / other):</i> - / -		<i>rapporteur:</i> CHAMBERS, David		MOTOROLA Ltd
		<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A		
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #25: 3.0.0		
<hr/>						
TS 22.25U	Quality of Service (QoS) and network performance					
UMTS	<i>current version: none</i>					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998 3 . 1 . 0					
		<i>WG (prime / other):</i> - / -		<i>rapporteur:</i> TIAINEN, Seppo		TeliaSonera AB
		<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A		
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #25: 3.1.0		
<hr/>						
TS 22.29U	Handover Requirements between UMTS and GSM or other RadioSystems					
UMTS	<i>current version: none</i>					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i> - / -		<i>rapporteur:</i> COOPER, David		Telecom Modus Limited
		<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A		
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.30U	Service requirements on security					
UMTS	<i>current version: none</i>					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i> - /		<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
		<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A		
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.35U	Service requirements on numbering, addressing and identities					
UMTS	<i>current version: none</i>					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i> - /		<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
		<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A		
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.40U	Charging, billing and accounting principles					
UMTS	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
			G: U:	MCC: N, A		
	<i>history (event, available, version,</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.45U	Human Factors,service principles and their application to UMTS					
UMTS	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
			G: U:	MCC: N, A		
	<i>history (event, available, version,</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.50U	Subscriber and service profile requirements					
UMTS	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
			G: U:	MCC: N, A		
	<i>history (event, available, version,</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.55U	UMTS user identity modules					
UMTS	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
			G: U:	MCC: N, A		
	<i>history (event, available, version,</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.60U	Mobile multimedia services including mobile Intranet and Internet services					
UMTS	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas		Indicate persons who left Company and wait for new One
			G: U:	MCC: N, A		
	<i>history (event, available, version,</i>				<i>remarks - general:</i>	
	smg-25 28/05/1998 3 . 0 . 0		get it		<i>remarks - this release:</i> #25: 3.0.0	

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.70U	Virtual Home Environment				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	freeze_meeting:	G: U:	MCC: N, A		
history (event, available, version,					
smg-25	28/05/2001	3 . 0 . 0			get it remarks - general: remarks - this release: #25: 3.0.0

TS 22.71U	Service aspects; Automatic Establishment of Roaming Relationships				
UMTS	current version: none	WG (prime / other): - / -	rapporteur:		
	freeze_meeting:	G: U:	MCC: N, A		
history (event, available, version,					
smg-25		3 . 0 . 0			remarks - general:
smg-27	17/10/1998	3 . 0 . 1			get it remarks - this release: #25: 3.0.0 #27: 3.0.1

TS 22.72U	Real Time Multimedia in UMTS				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: FISCHER, Ralf	ROBERT BOSCH GmbH	
	freeze_meeting:	G: U:	MCC: N, A		
history (event, available, version,					
					remarks - general: remarks - this release: .

TS 22.75U	Service aspects; Advanced addressing				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: KLEIER, Stephan	Vodafone D2 GmbH	
	freeze_meeting:	G: U:	MCC: N, A		
history (event, available, version,					
smg-25		2 . 0 . 0			remarks - general:
smg-27	17/10/1998	3 . 0 . 0			get it remarks - this release: #25: 2.0.0 #27: 3.0.0

TR 22.80U	UMTS Relationship to other Standards				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND	
	freeze_meeting:	G: U:	MCC: N, A		
history (event, available, version,					
First complete	19/10/1997	1 . 0 . 2			get it remarks - general:
WG approval	07/11/1997	2 . 0 . 0			get it remarks - this release: #24: 2.0.1
Under TB change	20/03/1998	2 . 0 . 1			get it
control.					
Milestone 1	19/12/1997	2 . 0 . 1			get it

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

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http://www.3gpp.org/ftp/Specs/archive/22_series

UMTS 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.01U UMTS Network principles

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-27 24/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson
G: *U:* *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: #27: for info

TS 23.05U UMTS Network principles

UMTS *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: .

TS 23.10U UMTS Access Stratum; Services and Functions

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-27 24/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND
G: *U:* *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: #27: for info

TS 23.20U Evolution of the GSM platform towards UMTS

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-27 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* JARVIS, Andre 3
G: *U:* *MCC:* YOON, Sang-Ui

remarks - general:
remarks - this release: #27: for info

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

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.40U UMTS	UMTS Network Aspects; Relationship with UPT <i>current version: none</i> <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other): - /</i> <i>G: U: MCC: N, A</i>	<i>rapporteur: N, A</i> <i>remarks - general:</i> <i>remarks - this release: .</i>	Indicate persons who left Company and wait for new One
TS 23.50U UMTS	UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment <i>current version: none</i> <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other): - /</i> <i>G: U: MCC: N, A</i>	<i>rapporteur: N, A</i> <i>remarks - general:</i> <i>remarks - this release: .</i>	Indicate persons who left Company and wait for new One
TS 23.60U UMTS	UMTS Network Aspects; UMTS data organization <i>current version: none</i> <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other): - /</i> <i>G: U: MCC: N, A</i>	<i>rapporteur: N, A</i> <i>remarks - general:</i> <i>remarks - this release: .</i>	Indicate persons who left Company and wait for new One
TS 23.70U UMTS	UMTS Network Aspects; UMTS operations and procedures <i>current version: none</i> <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other): - /</i> <i>G: U: MCC: N, A</i>	<i>rapporteur: N, A</i> <i>remarks - general:</i> <i>remarks - this release: .</i>	Indicate persons who left Company and wait for new One
TS 23.80U UMTS	UMTS Network Aspects; Signalling requirements for UMTS <i>current version: none</i> <i>freeze_meeting:</i> <i>history (event, available, version,</i>	<i>WG (prime / other): - /</i> <i>G: U: MCC: N, A</i>	<i>rapporteur: N, A</i> <i>remarks - general:</i> <i>remarks - this release: .</i>	Indicate persons who left Company and wait for new One

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

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.90U UMTS Network Aspects; Network performance requirements
UMTS *current version: none* *freeze_meeting:* WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One
history (event, available, version, G: U: MCC: N, A
remarks - general:
remarks - this release: .

TS 23.95U UMTS Network Aspects; Network functions relevant to satellites
UMTS *current version: none* *freeze_meeting:* WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new One
history (event, available, version, G: U: MCC: N, A
remarks - general:
remarks - this release: .

UMTS 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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
history (event, available, version, G: U: MCC: N, A
remarks - general:
remarks - this release: .

UMTS 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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Server WITHDRAWN specs UMTS 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.05U	UMTS Radio Aspects; Multiplexing and multiple access					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G:	U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 25.10U	UMTS Radio Aspects; Channel coding					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G:	U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 25.15U	UMTS Radio Aspects; Modulation					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G:	U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 25.20U	UMTS Radio Aspects; Transmission and reception					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G:	U: yes	MCC:	N, A	
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	

UMTS 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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

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Server WITHDRAWN specs UMTS 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

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
history (event, available, version, G: U: *MCC:* N, A
remarks - general:
remarks - this release: .

UMTS 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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
history (event, available, version, G: U: *MCC:* ZOICAS, Adrian
First complete 01/05/1996 1 . 2 . 1 get it *remarks - general:*
remarks - this release: .

UMTS 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.00U SMG - UMTS Work programme

UMTS *current version: none* *freeze_meeting:* *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
history (event, available, version, G: U: *MCC:* N, A
smg-21 3 . 0 . 0 *remarks - general:*
smg-22 3 . 1 . 0 *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
smg-23 3 . 2 . 0
smg-24 3 . 3 . 0
smg-25 3 . 4 . 0
smg-26 07/07/1998 3 . 5 . 0 get it
smg-27 3 . 6 . 1

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

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
freeze_meeting: *G:* *U:* *MCC:* N, A
history (event, available, version,
smg-22 3 . 0 . 0 *remarks - general:*
smg-23 3 . 1 . 0 *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
smg-24 3 . 2 . 0
smg-25 07/07/1998 3 . 3 . 0 [get it](#)
smg-26 3 . 4 . 0
post smg-27 08/08/2002 3 . 5 . 1 [get it](#)

TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G:* *U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TR 30.04U Definition of the limited number of UTRA concepts

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G:* *U:* *MCC:* USAI, Paolino
history (event, available, version,
First complete 01/06/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-22 14/06/1997 3 . 0 . 0 [get it](#) *remarks - this release:* #22: 3.0.0
ETSI publication 03/11/1998 3 . 0 . 1 [get it](#)

TR 30.05U UMTS terminology

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G:* *U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

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

history (event, available, version,
Creation of WI by 13/06/1997 2 . 0 . 0 [get it](#) *remarks - general:*
WG/TB *remarks - this release: #24: 3.1.0*
TB approval 30/08/1997 3 . 0 . 0 [get it](#)
smg-24 19/12/1997 3 . 1 . 0 [get it](#)

UMTS 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TR 32.01U Overall principles of the OAM for the UMTS

UMTS *current version: none* WG (prime / other): SMG / - *rapporteur:* SZELAZEK, Bill 3
freeze_meeting: G: U: yes MCC: SULTAN, Alain

history (event, available, version,
smg-22 1 . 0 . 0 *remarks - general:*
remarks - this release: No progress since SMG#22.

UMTS 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.20U Security principles for the UMTS

UMTS *current version: none* WG (prime / other): - / - *rapporteur:*
freeze_meeting: G: U: MCC: N, A

history (event, available, version,
smg-19 13/06/1997 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #19: 3.0.0

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

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Server WITHDRAWN specs UMTS 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.21U Security requirements

UMTS *current version: none*

freeze_meeting:

WG (prime / other): - / - rapporteur:

G: U: MCC: N, A

history (event, available, version,

draft 16/07/1998 0 . 1 . 0

draft 22/07/1998 0 . 1 . 1

draft 31/07/1998 0 . 1 . 2

smg-27 31/07/1998 1 . 0 . 0

draft 05/10/1998 1 . 0 . 1

draft 19/10/1998 1 . 0 . 2

draft 31/10/1998 1 . 0 . 3

draft 20/11/1998 1 . 0 . 4

draft 27/02/1999 1 . 1 . 0

smg-28 27/02/1999 2 . 0 . 0

smg-28 3 . 0 . 0

smg-27 21/02/1999 3 . 0 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release: #27: for info*

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R98

R98

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

history (event, available, version,

smg-27 16/10/1998 0 . 1 . 0

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

smg-30 11/11/1999 7 . 2 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

SP-15: withdrawn since SMG and
PT-SMG no longer exist.

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Server WITHDRAWN specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes *U:* *MCC:* CLAYTON, Michael

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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
freeze_meeting: smg-29
history (event, available, version,
TP-09 withdrawn 04/10/2000 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes *U:* *MCC:* RODERMUND, Friedhelm

get it *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

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.33 Lawful interception; Stage 3

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
G: yes *U:* *MCC:* N, A

remarks - general:
remarks - this release: .

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

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Server WITHDRAWN specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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

history (event, available, version,

draft	14/03/1997	0	.	0	.	0		get it	<i>remarks - general:</i>	replaced by 08.62
draft	16/02/1998	1	.	0	.	0		get it	<i>remarks - this release:</i>	#25: 1.0.0 for info #27: 1.6.0 for info
draft	27/03/1998	1	.	1	.	0		get it		
draft	13/07/1998	1	.	2	.	1		get it		
draft	31/07/1998	1	.	3	.	0		get it		
draft	17/09/1998	1	.	3	.	5		get it		
draft	18/09/1998	1	.	4	.	0		get it		
draft	28/09/1998	1	.	5	.	0		get it		
draft	05/10/1998	1	.	6	.	0		get it		

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-26	26/06/1998	7	.	0	.	0	withdrawn SP-09	get it	<i>remarks - general:</i>	TSG#9:withdrawn cos contains misleading information/references
									<i>remarks - this release:</i>	TSG#9:withdrawn cos contains misleading information/references

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

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Server WITHDRAWN specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.71 Project scheduling and open issues: Location services (LCS)

R98 *current version:* none WG (prime / other): S1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)

freeze_meeting: smg-29 G: yes U:

history (event, available, version,

Maui	17/01/1999	0	.	0	.	0
Maui	20/01/1999	0	.	0	.	1
Chicago	31/01/1999	0	.	0	.	2
Chicago	04/02/1999	1	.	0	.	0
Cambridge	10/06/1999	2	.	0	.	0
Dallas	09/07/1999	2	.	0	.	1
San Diego	21/07/1999	2	.	0	.	2
Dallas	03/09/1999	2	.	0	.	3
King of Prussia	14/09/1999	2	.	0	.	4
Phoenix &	30/10/1999	2	.	0	.	5
Clearwater						
Raleigh	03/11/1999	2	.	0	.	6
smg-30	11/11/1999	2	.	0	.	6
Phoenix	29/11/1999	2	.	0	.	7
smg-30 bis	06/12/1999	2	.	0	.	7
Colorado Spring	03/01/2000	2	.	0	.	8
Dallas	05/01/2000	2	.	0	.	9
smg-31	24/01/2001	2	.	1	.	0
Puerto Vallarta	26/01/2000	3	.	0	.	0
smg-29	25/06/1999	7	.	0	.	0

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remarks - general:

[get it](#)

remarks - this release: #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.

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

3GPP specification status

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WITHDRAWN specs R98 10 .- series
Server http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.78 Project scheduling and open issues: CAMEL

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,
draft 08/02/1997 0 . 0 . 0
draft 24/03/1997 0 . 1 . 0
draft 27/03/1997 0 . 1 . 1
draft 09/04/1997 0 . 1 . 2
draft 07/05/1997 0 . 2 . 0
smg-22 10/06/1997 1 . 0 . 0
draft 19/06/1997 1 . 1 . 0
draft 09/07/1997 1 . 2 . 0
draft 10/09/1997 1 . 3 . 0
smg-23 10/10/1997 1 . 3 . 2
draft 22/10/1997 1 . 4 . 0
draft 02/12/1997 1 . 5 . 0
draft 04/06/1998 1 . 6 . 0
smg-25 10/03/1998 1 . 6 . 0 abandoned

WG (prime / other): S2 / - *rapporteur:* APRATH, Stefan
G: yes U: *MCC:* YOON, Sang-Ui

Vodafone D2 GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* July 2002: abandoned
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TR 10.87 User to User Signalling (UUS)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): S2 / GP *rapporteur:* CONRAD, Alan
G: yes U: *MCC:* YOON, Sang-Ui

T-MOBILE DEUTSCHLAND

remarks - general:
remarks - this release: No draft ever produced.

TR 10.94 Follow Me supplementary service

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): SP / - *rapporteur:* POSTMANN, Erwin
G: yes U: *MCC:* POPE, Maurice

SIEMENS AG

remarks - general:
remarks - this release: No draft ever produced.

R98

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server WITHDRAWN specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> SALMERON, Lidia		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

TS 11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> SALMERON, Lidia		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

TS 11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / G2, G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version,</i> GP-13 21/02/2003 7 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	derived from R96 by CR; also to withdraw the R96 version, since the	<u>get it</u>	<i>remarks - general:</i> TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		
			R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).		

R97

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

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Server WITHDRAWN specs R97 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar
G: yes U: *MCC:* POPE, Maurice

Deutsche Telekom AG

remarks - general:
remarks - this release: No spec this Release.

TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim
G: yes U: *MCC:* POPE, Maurice

Indicate persons who left Company and wait for new One

history (event, available, version,

remarks - general:
remarks - this release: No spec this version.

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim
G: yes U: *MCC:* POPE, Maurice

Indicate persons who left Company and wait for new One

history (event, available, version,

remarks - general:
remarks - this release: No spec this Release

TS 02.33 Lawful Interception (LI); Stage 1

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S3 / *rapporteur:* MCKIBBEN, Bernie
G: yes U: *MCC:* POPE, Maurice

MOTOROLA GmbH

remarks - general:
remarks - this release: (No spec this Release)

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

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Server WITHDRAWN specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): N4 / SPA *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
N /
T2

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 (To be withdrawn)

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
freeze_meeting: smg-26

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: MCC: RODERMUND, Friedhelm

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH
G: yes U: MCC: N, A

history (event, available, version,
draft 20/03/1998 0 . 7 . 1

[get it](#) *remarks - general:* Withdrawn since details included in the stage 3 spec.
remarks - this release: .

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

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WITHDRAWN specs R97 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

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
history (event, available, version,
remarks - general:
remarks - this release: .

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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
history (event, available, version,
remarks - general:
remarks - this release: .

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
history (event, available, version,
Table of Contents 14/11/1996 0 . 2 . 0 [get it](#) *remarks - general:*
and Scope *remarks - this release: .*

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.21 DCS 1800; 4 Watt Mobile Power Class - study
R97 *current version: none* WG (prime / other): - / rapporteur: TWINGLER, Jonas Northstream AB
freeze_meeting: smg-26 G: yes U: MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release: .

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

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Server WITHDRAWN specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.64 GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3

R97 *current version:* none *WG (prime / other):* - / *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version,
First complete 15/07/1996 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R97 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 #32:withdrawn

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A One
history (event, available, version,
draft 23/10/1997 0 . 0 . 2 [get it](#) *remarks - general:* 2001-11-20: stopped - obviously no interest!
remarks - this release: .

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

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Server WITHDRAWN specs R97 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 1 . 0 . 0

WG (prime / other): - / - *rapporteur:* HEATON, Graham Aether Systems Inc.
G: yes U: *MCC:* N, A

get it *remarks - general:* Scrapped.
remarks - this release: #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

TR 10.20 Lawful Interception requirements for GSM

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

get it *remarks - general:* Replaced by 01.33.
remarks - this release: SMG#27:6.0.0; replaced by 01.33

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,
smg-25 6 . 0 . 0

WG (prime / other): S2 / - *rapporteur:*
G: yes U: *MCC:* YOON, Sang-Ui

remarks - general:
remarks - this release:

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP
/ G4

G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version,

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

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WITHDRAWN specs R97 11 .- series
Server 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)
R97 current version: none freeze_meeting: smg-26
WG (prime / other): G5 / S1 / NP / T2 / SCP / G4
rapporteur: SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: SALMERON, Lidia
history (event, available, version),
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification
R97 current version: none freeze_meeting: smg-26
WG (prime / other): T3 / G2, G4
rapporteur: SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: DIETZE, Claus
history (event, available, version),
GP-13 21/02/2003 6 . 0 . 0
get it remarks - general: TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).
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).

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects
R97 current version: none freeze_meeting: smg-26
WG (prime / other): G3 / -
rapporteur: VACANT, USAI, Paolino
G: yes U:
history (event, available, version),
GP-09 06/05/2002 6 . 0 . 0 not produced post smg-27; withdrawn
GP-12 6 . 1 . 0 CRs unimplementable; spec is
get it remarks - general:
remarks - this release: #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.

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: .

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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Server WITHDRAWN specs R97 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
R97	<i>current version:</i> none					
	<i>freeze_meeting:</i> smg-26					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TRUSS, Michael			MOTOROLA Ltd
		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> No spec.			

TS 12.04	Performance data measurements					
R97	<i>current version:</i> none					
	<i>freeze_meeting:</i> smg-26					
	<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TOCHE, Christian			NORTEL NETWORKS (EUROPE)
		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> No spec			

R96

R96 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG					
R96	<i>current version:</i> none					
	<i>freeze_meeting:</i> smg-22					
	<i>history (event, available, version,</i>					
	smg-17 02/02/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-19 28/06/1996 5 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-25 20/03/1998 5 . 2 . 0			get it		
		SP-15: withdrawn since SMG and PT-SMG no longer exist.				

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					Server	WITHDRAWN specs R96 01 .- series http://www.3gpp.org/ftp/Specs/archive/01_series
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> smg-23 17/10/1997 5 . 0 . 0 withdrawn, smg-25	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #25: withdrawn			
TR 01.50	Radio Local Loop (RLL) using GSM					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> SMG /	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> draft 07/11/1995 1 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
TR 01.51	Dual mode of operation and roaming					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>		<i>remarks - general:</i> <i>remarks - this release:</i> .			
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael			VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> smg-23 5 . 0 . 0 SMG-25 withdrawn		<i>remarks - general:</i> <i>remarks - this release:</i> #25: withdrawn			
TS 01.78	Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>		<i>remarks - general:</i> <i>remarks - this release:</i> .			

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

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http://www.3gpp.org/ftp/Specs/archive/02_series

R96 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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
history (event, available, version,

remarks - general:
remarks - this release: .

TS 02.25 GSM - DCS roaming: Requirements and Stage 1 descriptions

R96 *current version: none* WG (prime / other): - / rapporteur: LE ROUX, Alain France Telecom
freeze_meeting: smg-22 G: yes U: MCC: N, A
history (event, available, version,

remarks - general:
remarks - this release: .

TS 02.26 Operation of multi-band GSM/DCS 1800 network by a single operator

R96 *current version: none* WG (prime / other): - / rapporteur: LJUNGGREN, Tommy Northstream AB
freeze_meeting: smg-22 G: yes U: MCC: N, A
history (event, available, version,

remarks - general:
remarks - this release: .

TS 02.27 DECT access to GSM networks

R96 *current version: none* WG (prime / other): - / rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 G: yes U: MCC: N, A
history (event, available, version,

remarks - general:
remarks - this release: .

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
history (event, available, version,

remarks - general:
remarks - this release: .

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

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.29	Inter operation with UPT phase 2					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>					
	draft 13/05/1997 1 . 0 . 0		get it			<i>remarks - general:</i>
	draft 01/10/1997 2 . 0 . 0		get it			<i>remarks - this release:</i> #26: withdrawn
	smg-23 17/10/1997 5 . 0 . 0	withdrawn	get it			
<hr/>						
TS 02.33	Lawful Interception (LI); Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>					
	smg-19 1 . 0 . 0					<i>remarks - general:</i>
	smg-20 2 . 0 . 0					<i>remarks - this release:</i>
	smg-20 11/10/1996 5 . 0 . 0	withdrawn SMG-25	get it			
<hr/>						
TS 02.35	Universal access to freephone numbers; Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> COX, Alan		VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
TS 02.36	Premium rate services; Stage 1					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.37	ISDN based DECT/GSM Interworking	R96 current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: BERGMANN, Ansgar MCC: N, A	Deutsche Telekom AG	remarks - general: remarks - this release: .
TS 02.38	SIM application toolkit (SAT); Stage 1	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-29 1 . 0 . 0	WG (prime / other): S1 / SCP G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	remarks - general: Moved from T3 Jan-00. remarks - this release:
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-23 5 . 0 . 0 smg-24 5 . 1 . 0 withdrawn SMG-25	WG (prime / other): S4 / G: yes U:	rapporteur: NAVARRO, William MCC: USAI, Paolino	NORTEL NETWORKS (EUROPE)	remarks - general: SMG11->S4 at SMG#30 remarks - this release:
TS 02.60	General Packet Radio Service Stage 1 Description	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-21 14/02/1997 5 . 0 . 0 smg-23 17/10/1997 5 . 1 . 0 smg-24 19/12/1997 5 . 2 . 0	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	get it remarks - general: get it remarks - this release: #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn get it
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-24 19/12/1997 5 . 0 . 0	WG (prime / other): S1 / - G: yes U:	rapporteur: VACANT, MCC: CLAYTON, Michael		get it remarks - general: remarks - this release: #24: 5.0.0 @25: withdrawn

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.72	Call Deflection Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #19: 5.0.0 #25: withdrawn		
TS 02.73	Malicious Call Identification (MCID); Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
TS 02.77	Emergency call TS12 with additional data transfer				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
TS 02.87	User-to-User Signalling (UUS) Service Description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn		
	smg-21 14/02/1997 5 . 2 . 0	get it			
	edito 19/01/1996 5 . 2 . 1	get it			
	smg-23 17/10/1997 5 . 3 . 0	get it			
TS 02.92	Call Forward Enhancements (CFE) - Stage 1 description				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RENAUD, Nicolas	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-16	5 . 0 . 0			<i>remarks - general:</i>	
	smg-19	5 . 1 . 0			<i>remarks - this release:</i> #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	
	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	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-24	5 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i> #24: 5.0.0 #25: withdrawn	

TS 02.97	Multiple Subscriber Profile (MSP) Service description, Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-19 28/06/1996	5 . 0 . 0	get it		<i>remarks - general:</i>	
	smg-22 13/06/1997	5 . 1 . 0	get it		<i>remarks - this release:</i> #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn	
	ETSI publication 15/09/1997	5 . 1 . 1	get it			
	smg-23 17/10/1997	5 . 2 . 0	get it			

TS 02.98	New barring services; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SCHMIDT, Günter	DETEMOBIL GMBH		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* CHAPMAN, Neil
G: yes U: *MCC:* N, A

ORANGE PCS LTD

remarks - general:
remarks - this release: .

R96 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): N4 / SPA *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
N /
T2

G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0 (To be withdrawn)

TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
G: yes U: *MCC:* N, A

history (event, available, version,
Table of Contents 01/09/1996 0 . 4 . 0
and Scope

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.36 Premium rate services - stage 2

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:*
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

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	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references		
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references		
<hr/>					
TS 03.60	General Packet Radio Service (GPRS) Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ZHAO, Yilin	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>				
	smg-23 5 . 0 . 0		<i>remarks - general:</i>		
	smg-24 5 . 1 . 0		<i>remarks - this release:</i> .		
	smg-25 5 . 2 . 0				
	smg-25 5 . 3 . 0	withdrawn, SMG-25			
<hr/>					
TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-23 5 . 1 . 0		<i>remarks - general:</i>		
	smg-24 5 . 2 . 0	withdrawn SMG-25	<i>remarks - this release:</i> .		
<hr/>					
TS 03.94	Follow Me Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.95	Support of Private Numbering Plan (SPNP); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> Scrapped Jan 98.		

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.98 New barring services; Stage 2 description

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur: VAN DER AREND,
G: yes U: MCC: N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur: VAN DER AREND,
G: yes U: MCC: N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

R96 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.36 Premium rate services - stage 3

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur:
G: yes U: MCC: N, A

remarks - general:
remarks - this release: .

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
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0
smg-24 19/12/1997 5 . 1 . 0

WG (prime / other): N1 / - rapporteur: DOIG, Ian MOTOROLA S.A.S
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #25: withdrawn*

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

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Server WITHDRAWN specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25:withdrawn

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
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.73 Malicious Call Identification (MCID); Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.78 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.79 Support of optimal routing; Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

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

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WITHDRAWN specs R96 04 .- series
Server http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.98 New barring services; Stage 3

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: MCC: N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

TS 04.99 Direct subscriber access and restriction; Stage 3

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: MCC: N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.00 Service to GSM handportables in trains

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* VOSKAR, Paul
G: yes U: MCC: N, A

NOKIA UK Ltd

remarks - general:
remarks - this release: .

TS 05.18 Hands free mobile station

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* ANDERSEN, Niels
G: yes U: MCC: Peter Skov
N, A

MOTOROLA A/S

history (event, available, version,

remarks - general:
remarks - this release: .

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

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				WITHDRAWN specs R96 05 .- series	
				Server http://www.3gpp.org/ftp/Specs/archive/05_series	
TS 05.19	Service to GSM handportables in trains				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> WILTSHIRE, Timothy	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
TR 05.20	Fast moving Mobile Station (study)				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> REINER, Michaël	Eads Telecom Deutschland GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
TS 05.30	General packet radio service requirements				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<hr/>					
R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series					
TS 07.57	Mobile Station Application Execution Environment (MExE); Stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CANDISH, John	Xtempus Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 Peter Skov

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

history (event, available, version,
smg-24 5 . 0 . 0 smg-26: withdrawn

remarks - general:
remarks - this release: .

TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 Peter Skov

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

history (event, available, version,
smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn

[get it](#) *remarks - general:*
remarks - this release: .

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

R96 *current version:* none *WG (prime / other):* SPA / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 *MCC:*

history (event, available, version,
draft (ETSI TC 10/11/1997 5 . 2 . 1 [get it](#) *remarks - general:* EN 300 646
SPS) *remarks - this release:* .

draft (ETSI TC 18/05/1999 5 . 3 . 0 [get it](#)

SPS) [get it](#)

SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

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WITHDRAWN specs R96 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.20 Support of Shared Data Interworking Function

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:*
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-24 19/12/1997 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

get it *remarks - general:*
remarks - this release: #24: 5.0.0 #25: withdrawn

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 20/01/1997 5 . 0 . 1

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

get it *remarks - general:* Replaced by 01.33.
get it *remarks - this release:* SMG#20:5.0.0

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Server WITHDRAWN specs R96 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:*
freeze_meeting: smg-22 *G: yes U:* MCC: YOON, Sang-Ui
history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25: (5.x.y withdrawn)
smg-24 08/10/1997 5 . 2 . 0 [get it](#)
draft 28/10/1997 5 . 2 . 1 [get it](#)
draft 10/12/1998 5 . 3 . 0 [get it](#)
smg-24 20/12/1997 5 . 3 . 1 [get it](#)
draft 05/02/1998 5 . 3 . 2 [get it](#)
draft 12/02/1998 5 . 3 . 3 [get it](#)
draft 15/02/1998 5 . 3 . 4 [get it](#)
draft 15/03/1998 5 . 3 . 5 [get it](#)
draft 05/03/1998 5 . 4 . 0 [get it](#)
smg-25 15/03/1998 5 . 4 . 1 [get it](#)
draft 06/04/1998 5 . 4 . 2 [get it](#)

TR 10.66 Support of Mobile Number Portability (MNP); Project plan

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* TARAZI, Roger EDP Telecom
freeze_meeting: smg-22 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version,
smg-21 5 . 0 . 0 *remarks - general:*
remarks - this release: .

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 *WG (prime / other):* S2 / - *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* MCC: YOON, Sang-Ui
history (event, available, version,
smg-21 5 . 0 . 0 abandoned *remarks - general:*
remarks - this release: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server WITHDRAWN specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

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):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP / T2 / SCP / G4
history (event, available, version, G: yes U: MCC: SALMERON, Lidia
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface
R96 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: smg-22 G: yes U: MCC: DIETZE, Claus
history (event, available, version, 25/01/1996 5 . 0 . 0 SMG-16: withdrawn [get it](#) *remarks - general:*
remarks - this release: #16: 5.0.0 withdrawn

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects
R96 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-22 G: yes U: MCC: USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-25 20/03/1998 5 . 2 . 0 [get it](#)
smg-26 26/06/1998 5 . 3 . 0 [get it](#)
smg-27 16/10/1998 5 . 4 . 0 [get it](#)
Editorial correction 16/10/1998 5 . 4 . 1 [get it](#)
GP-09 15/05/2002 5 . 5 . 0 withdrawn [get it](#)

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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

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Server WITHDRAWN specs R96 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R96
current version: none
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): S5 / S1 / rapporteur: TRUSS, Michael
NP
G: yes U: MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements
R96
current version: none
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): S5 / S1 / rapporteur: TOCHE, Christian
NP
G: yes U: MCC: ZOICAS, Adrian

NORTEL NETWORKS (EUROPE)

remarks - general:
remarks - this release: No spec

Ph2

Ph2

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.05 Definitions
Ph2
current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): SP / - rapporteur: VACANT,
G: yes U: MCC: POPE, Maurice

remarks - general:
remarks - this release: n.a.

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

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WITHDRAWN specs Ph2 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

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*
history (event, available, version,
remarks - general:
remarks - this release: .

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*
history (event, available, version,
remarks - general:
remarks - this release: .

Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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*
history (event, available, version,
draft 21/08/1995 0 . 1 . 0 [get it](#) *remarks - general:*
draft 01/06/1994 4 . 0 . 0 [get it](#) *remarks - this release: #16: withdrawn*

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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: RODERMUND, Friedhelm*
history (event, available, version,
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *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

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

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Server WITHDRAWN specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

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:* RODERMUND, Friedhelm

history (event, available, version,

ETSI publication 13/09/1994 4 . 1 . 2

[get it](#) *remarks - general:*

ETSI OAP 06/03/1995 4 . 2 . 0

[get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn

ETSI publication 01/08/1995 4 . 2 . 1

[get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.59 BSC-BTS O&M Signalling Transport

Ph2 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT, USAI, Paolino
freeze_meeting: *G: yes U:* *MCC:*

history (event, available, version,

remarks - general:

remarks - this release:

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks

Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: *G: yes U:* *MCC:* N, A

history (event, available, version,

remarks - general:

remarks - this release: .

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

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Server WITHDRAWN specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

Ph2 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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
history (event, available, version,

remarks - general:
remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,

remarks - general:
remarks - this release: (no such spec)

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version,
draft 0 . 0 . 0

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

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

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Server WITHDRAWN specs Ph1 00 .- series
http://www.3gpp.org/ftp/Specs/archive/00_series

Ph1

Ph1 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

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
history (event, available, version, G: yes U: MCC: N, A
remarks - general:
remarks - this release: .

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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
history (event, available, version, G: yes U: MCC: N, A
smg-01 06/05/1992 3 . 0 . 2 [get it](#) *remarks - general:* MoU
remarks - this release: .

TS 02.08 Quality of Service (QoS) / GSM system performance
Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
history (event, available, version, G: yes U: MCC: N, A
25/08/1995 0 . 2 . 0 [get it](#) *remarks - general:*
06/10/1995 0 . 2 . 1 [get it](#) *remarks - this release:* .
10/05/1994 3 . 0 . 0 [get it](#)
10/05/1994 3 . 0 . 1 [get it](#)

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

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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.10	Provision of Telecommunication Services					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.12	Licensing					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.13	Subscription to the Services of a GSM PLMN					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.14	Service Directory					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.15	Circulation of mobile stations					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	

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

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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

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:* YOON, Sang-Ui

history (event, available, version,
Jan 1990 10/05/1994 3 . 3 . 0
? 10/05/1994 3 . 4 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.42 SMS Compression

Ph1 *current version: none*
freeze_meeting:

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
gsm4 06/05/2003 3 . 0 . 0 Jan 1990: title was "Advanced data
MHS".

[get it](#) *remarks - general:*
remarks - this release:

Ph1 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.09 Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN

Ph1 *current version: none*
freeze_meeting: gsm-25b

WG (prime / other): N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation
G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
First complete 1 . 0 . 0

[get it](#) *remarks - general:* 2003-05-07: no draft available, so withdraw.
remarks - this release: .

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

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Server WITHDRAWN specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

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

history (event, available, version,

remarks - general:
remarks - this release: .

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

history (event, available, version,

remarks - general:
remarks - this release:

smg-01 3 . 6 . 0
smg-02 3 . 7 . 0
smg-03 3 . 8 . 0
smg-04 3 . 9 . 0
smg-05 3 . 10 . 0
smg-06 3 . 11 . 0
smg-07 3 . 12 . 0
smg-08 01/01/1995 3 . 13 . 0
smg-09 3 . 14 . 0
smg-10 3 . 15 . 0
smg-11 3 . 16 . 0
smg-12 3 . 17 . 0
smg-14 3 . 18 . 0
smg-17 01/01/1995 3 . 19 . 0

[get it](#)

[get it](#)

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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

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Server WITHDRAWN specs Ph1 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: yes *U:* *MCC:* N, A

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.04U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems

current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): - / *rapporteur:* N, A
G: *U:* *MCC:* N, A

Indicate persons who left Company and wait for new One

remarks - general:
remarks - this release:

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