

3GPP TSG-CN
3GPP TSG-RAN
3GPP TSG-T
3GPP TSG-SA
Meeting #19, Birmingham (UK), March 2003

Tdoc NP-030133
Tdoc RP-030153
Tdoc TP-0300058
Tdoc SP-0300078

Source: MCC
<mailto:john.meredith@etsi.fr>
Title: Specs status list prior to TSGs#19
Document for: information

The following table shows the status list immediately prior to TSGs#19. It differs from that corresponding to the end of SA#19 insofar as it contains new specs created since that time and later drafts of specs not yet under change control. It also reflects the updates resulting from GERAN#12 and #13.

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Active or Withdrawn / Stopped (Active specs first)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Withdrawn / Stopped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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ACTIVE specs <?> 21 .- series
Server location: 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: 0.1.0	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, comments):</i>								
Evolution meeting	03/01/2003	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	remarks - general:			
#2					remarks - this release:	.		
revised to add	08/01/2003	0 . 1 . 0		get it				
missing text								

Rel-6

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

TS 21.104	3rd Generation mobile system Release 6 specifications							
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		
<i>history (event, available, version, comments):</i>								
					remarks - general:			
					remarks - this release:	.		

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

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-17 16/09/2002 6 . 0 . 0 [get it](#) *remarks - general:*
SP-18 18/12/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .

Rel-6 **22** .- series Server location: 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:* none *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, comments):
remarks - general: Transfer>TSG#4
remarks - this release: .

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-18 18/12/2002 6 . 0 . 0 [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-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-18 18/12/2002 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

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

TS 22.071	Location Services (LCS); Stage 1					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-17 17/09/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-18 18/12/2002 6 . 2 . 0	get it				
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-18 10/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.101	Service aspects; Service principles					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 6 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-17 17/09/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.			
	SP-18 18/12/2002 6 . 2 . 0	get it				
<hr/>						
TS 22.105	Services and service capabilities					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-17 17/09/2002 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 6 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-17 17/09/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> 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				

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

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-6 *current version:* 6.0.0
freeze_meeting: SP-22
history (event, available, version, comments):
SP-18 20/12/2002 6 . 0 . 0

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

[get it](#) *remarks - general:* (development in T2)
remarks - this release: .

TS 22.141 Presence service; Stage 1

Rel-6 *current version:* 6.1.0
freeze_meeting: SP-22
history (event, available, version, comments):
SP-16 19/07/2002 6 . 0 . 0
SP-17 17/09/2002 6 . 1 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".

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

Rel-6 *current version:* 6.1.0
freeze_meeting: SP-22
history (event, available, version, comments):
SP-16 04/07/2002 6 . 0 . 0
SP-17 17/09/2002 6 . 1 . 0

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

[get it](#) *remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.
[get it](#) *remarks - this release:* .

TS 22.174 Push service; Stage 1

Rel-6 *current version:* 6.1.0
freeze_meeting: SP-18
history (event, available, version, comments):
draft 27/03/2002 0 . 6 . 0 S1-020540
draft 0 . 8 . 1

SP-16 1 . 0 . 0 SP-020230 (inside liaison statement)
post SP-16 clean 04/07/2002 1 . 0 . 1
up
SP-17 17/09/2002 2 . 0 . 0 SP-020571
SP-17 16/09/2002 6 . 0 . 0
SP-18 18/12/2002 6 . 1 . 0

WG (prime / other): S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
G: yes *U:* yes *MCC:* CLAYTON, Michael

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

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

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

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

TS 22.177	Speech-enabled services; Stage 1								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i> Spec number reserved; production depends on results of feasibility study (22.977).
									<i>remarks - this release:</i> .
<hr/>									
TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd				
	<i>freeze_meeting:</i> SP-20		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-16 04/07/2002 6 . 0 . 0		get it						<i>remarks - general:</i>
	SP-17 17/09/2002 6 . 1 . 0		get it						<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.
<hr/>									
TS 22.233	Transparent end-to-end packet-switched streamng service; Stage 1								
Rel-6	<i>current version:</i> 6.1.0		<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, comments):</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> .
<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, comments):</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> 6.1.0		<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, comments):</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						

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

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):
brought forwards 02/01/2002 1 . 0 . 0 [get it](#) *remarks - general:*
from Rel-5 *remarks - this release:* 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](#)

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* KALLIOKULJU, Juha NOKIA MOBILE PHONES
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):
draft 24/04/2002 0 . 1 . 0 [get it](#) *remarks - general:*
SP-17 16/09/2002 1 . 0 . 0 SP-020566 [get it](#) *remarks - this release:* .
SP-18 18/12/2002 2 . 0 . 0 SP-020669 [get it](#)
SP-18 18/12/2002 6 . 0 . 0 [get it](#)

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* KALLIOKULJU, Juha NOKIA MOBILE PHONES
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):
SP-18 18/12/2002 2 . 0 . 0 SP-020671 [get it](#) *remarks - general:* 2002-10-08: created from 22.940.
SP-18 18/12/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .

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

Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* S1 / *rapporteur:* FRANK, Robert TeliaSonera AB
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):
S1-18 0 . 0 . 5 S1-022295 *remarks - general:*
SP-18 20/12/2002 0 . 1 . 0 (annex to liaison) [get it](#) *remarks - this release:* .

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

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

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 Sweden AB	
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</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			
<hr/>					
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> 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, comments):</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			
<hr/>					
TR 22.940	IP Multimedia Subsystem (IMS) messaging; 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	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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!				
	SP-16 19/07/2002 0 . 2 . 0	get it	unwithdrawn and approved!		
	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			
<hr/>					
TR 22.950	Priority service feasibility study				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> 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, comments):</i>				
	SP-15 19/03/2002 1 . 0 . 0 SP-020060	get it	<i>remarks - general:</i> Additional rapporteur: B Pramanik (Telcordia).		
	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			

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

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

TR 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
draft 0 . 0 . 0 S1-020342 *remarks - general:*
SP-17 16/09/2002 1 . 0 . 0 SP-020565 [get it](#) *remarks - this release:* TP-16: anticipate v1.0.0 at TP-17.
SP-18 18/12/2002 2 . 0 . 0 SP-020668 [get it](#)
SP-18 18/12/2002 6 . 0 . 0 [get it](#)

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
S1-14 0 . 0 . 0 *remarks - general:*
S1-15 0 . 1 . 0 *remarks - this release:* .
S1 SES 0 . 2 . 0
S1 SES 0 . 3 . 0
SP-16 04/07/2002 1 . 0 . 0 SP-020259 [get it](#)
SP-17 19/09/2002 2 . 0 . 0 SP-020570 [get it](#)
SP-17 16/09/2002 6 . 0 . 0 [get it](#)

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

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-6 *current version:* 6.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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

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

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

TS 23.041	Technical realization of Cell Broadcast Service (CBS)								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited					
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i>	RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</i>								
	TP-17 18/09/2002 6 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4					
				<i>remarks - this release:</i> .					
<hr/>									
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd					
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i>	RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</i>								
	TP-16 28/06/2002 6 . 0 . 0		get it	<i>remarks - general:</i> Apr-2001: " Station Application" removed from title.					
	TP-17 18/09/2002 6 . 1 . 0		get it	<i>remarks - this release:</i> .					
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD, Christophe	ERICSSON RESEARCH CANADA					
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i>	YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-18 10/01/2003 6 . 0 . 0		get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.					
				<i>remarks - this release:</i> SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".					
<hr/>									
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LAUMEN, Josef	SIEMENS AG					
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i>	RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</i>								
	TP-18 20/12/2002 6 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TR 23.141	Presence service; Architecture and functional description; Stage 2								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi	NOKIA KOREA					
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i>	YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	draft 17/06/2002 0 . 0 . 0		get it	<i>remarks - general:</i>					
	SP-17 04/10/2002 1 . 0 . 0	SP-020538 for approval	get it	<i>remarks - this release:</i> .					
	SP-17 07/10/2002 6 . 0 . 0	Many editorial corrections needed before fit for SDO publication.	get it						
	SP-18 10/01/2003 6 . 1 . 0		get it						

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

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

TS 23.174	Push service; stage 2								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
<i>history (event, available, version, comments):</i>									
				<i>remarks - general:</i>	Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to				
				<i>remarks - this release:</i>	SP-17: Rel-5 -> Rel-6 to accord with stage 1. reserve the number just in case ...".				
<hr/>									
TS 23.228	IP Multimedia Subsystem (IMS); Stage 2								
Rel-6	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TOWLE, Thomas	Lucent Technologies				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
<i>history (event, available, version, comments):</i>									
	SP-18	07/01/2003	6 . 0 . 0	get it	<i>remarks - general:</i>				
	edito post SP-18	07/01/2003	6 . 0 . 1	get it	<i>remarks - this release:</i> .				
	corrects Rel shown on front cover.								
<hr/>									
TS 23.234	3GPP system to Wireles Local Area Network (WLAN) interworking; Functional and architectural definition								
Rel-6	<i>current version:</i> 1.3.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<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> YOON, Sang-Ui					
<i>history (event, available, version, comments):</i>									
	conversion from		0 . 1 . 0		<i>remarks - general:</i>				
	23.934 v0.5.0				<i>remarks - this release:</i> SP-18: Anticipate approval SP-19.				
	SP-17	04/10/2002	1 . 0 . 0	get it	SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).				
	draft	06/01/2003	1 . 2 . 1	get it					
	draft	08/01/2003	1 . 3 . 0	get it					
<hr/>									
TS 23.241	3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework								
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm					
<i>history (event, available, version, comments):</i>									
	draft	28/05/2002	0 . 3 . 0	get it	<i>remarks - general:</i> Cf work item 'Generic user profile'				
					<i>remarks - this release:</i> RP-15: Delayed from Rel-5.				

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

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

TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.2.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-16 18/06/2002	6 . 0 . 0			get it	<i>remarks - general:</i>	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.		
	SP-17 02/10/2002	6 . 1 . 0			get it	<i>remarks - this release:</i>	Continues 23.871		
	SP-18 09/01/2003	6 . 2 . 0			get it				
TR 23.841	Presence service architecture								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi		NOKIA KOREA		
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-16 22/07/2002	2 . 0 . 0	SP-020319		get it	<i>remarks - general:</i>			
	SP-16 25/07/2002	6 . 0 . 0			get it	<i>remarks - this release:</i>	TP-16: clear that service is Rel-6.		
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			G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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 23.246.		
	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				
TR 23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks								
Rel-6	<i>current version:</i> 0.4.1		DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERTENYI, Balazs		NOKIA Corporation		
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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				

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

TR 23.895	Provision of UE specific behaviour information to network entities						
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	draft	0 . 4 . 0					<i>remarks - general:</i>
	SP-18	10/01/2003	1 . 0 . 0	SP-020797 for approval	get it		<i>remarks - this release:</i> .
	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		
<hr/>							
TR 23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS); Feasibility study						
Rel-6	<i>current version:</i> 0.5.1	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> MOUSSET, Claire		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-18		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	draft	07/08/2002	0 . 0 . 0		get it		<i>remarks - general:</i> Work Item: SP-020140
	draft	24/09/2002	0 . 1 . 0		get it		<i>remarks - this release:</i> .
	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		
<hr/>							
TR 23.934	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PAINT, Frédéric		Telenor AS	
	<i>freeze_meeting:</i> SP-18		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	S2-24	07/05/2002	0 . 1 . 0		get it		<i>remarks - general:</i>
	SP-17	24/09/2002	1 . 0 . 0	SP-020536	get it		<i>remarks - this release:</i> 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.
<hr/>							
TR 23.976	Push architecture						
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui		KT ICOM	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	S2-29		0 . 0 . 0				<i>remarks - general:</i> 2003-02-04: 23.876 -> 23.976
	S2-29	03/02/2003	0 . 0 . 1		get it		<i>remarks - this release:</i> .
	draft	24/02/2003	0 . 1 . 0		get it		
<hr/>							

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

Rel-6 24 .- series Server location: 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:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* 0.5.0 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, comments):
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](#)

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:* 6.0.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-16 6 . 0 . 0 RP-16 agreed not to implement the CR *remarks - general:*
creating this version. *remarks - this release:* .

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

TS 25.104	UTRA (BS) FDD; Radio transmission and reception								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18 10/01/2003 6 . 0 . 0	Early ETSI publication because referenced in SCP publications.	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 25.133	Requirements for support of radio resource management (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GUERRINI, Claudio	TELECOM ITALIA S.p.A.				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18 10/01/2003 6 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 25.141	Base station conformance testing (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NAKAMURA, Takaharu	Fujitsu Limited				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18 10/01/2003 6 . 0 . 0	Early ETSI publication because referenced in SCP publications.	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)								
Rel-6	<i>current version:</i> 1.3.0	DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KOULAKIOTIS, Dimitris	Nokia Telecommunications Inc.				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	draft 14/10/2002 1 . 1 . 0		get it	<i>remarks - general:</i>					
	draft 23/01/2003 1 . 2 . 0		get it	<i>remarks - this release:</i>					
	draft 03/02/2003 1 . 3 . 0		get it						
<hr/>									
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	<i>current version:</i> Resource Management (RRM)	INTERDIGITAL COMMUNICATIONS CORPORATION	none	<i>WG (prime / other):</i> R3	/-	<i>rapporteur:</i> MILLER, James			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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

TR 25.887	Beamforming									
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co. Ltd				
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>									
									<i>remarks - general:</i>	
									<i>remarks - this release:</i>	.
<hr/>										
TR 25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD									
Rel-6	<i>current version:</i> 1.1.0	DRAFT		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LI, Xiaoqiang	SAMSUNG Electronics Research Institute				
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>									
	RP-18	06/01/2003	1 . 1 . 0	RP-020815	get it				<i>remarks - general:</i>	
									<i>remarks - this release:</i>	.
<hr/>										
TR 25.889	Viable deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study									
Rel-6	<i>current version:</i> 1.2.1	DRAFT		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> STAHLFJALL, Peter	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>									
	RP-16	26/06/2002	1 . 0 . 0	RP-020354	get it				<i>remarks - general:</i>	
	RP-17	24/09/2002	1 . 1 . 0	RP-020657	get it				<i>remarks - this release:</i>	.
	RP-18	06/01/2003	1 . 2 . 1	RP-020690	get it					
<hr/>										
TR 25.891	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5									
Rel-6	<i>current version:</i> 0.2.1	DRAFT		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version, comments):</i>									
	R3-31		0 . 0 . 1						<i>remarks - general:</i>	
	R3-31		0 . 1 . 0						<i>remarks - this release:</i>	.
	draft	11/10/2002	0 . 1 . 1		get it					
	draft	24/01/2003	0 . 2 . 1		get it					
<hr/>										
TR 25.892	Analysis of OFDM for UTRAN enhancement									
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> RP-19			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>									
									<i>remarks - general:</i>	
									<i>remarks - this release:</i>	.

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

TR 25.894 Enhanced UE positioning using software blanking

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

WG (prime / other): R2 / - *rapporteur:* BARTLETT, David Cambridge Positioning Systems Limited
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general:
remarks - this release: .

TR 25.895 Analysis of higher chip rates for UTRA TDD evolution

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

WG (prime / other): R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.
G: *U:* yes *MCC:* SASAKI, Tsukasa

remarks - general:
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
freeze_meeting: SP-22
history (event, available, version, comments):

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

remarks - general:
remarks - this release: .

TR 25.897 Feasibility study on the evolution of UTRAN architecture

Rel-6 *current version:* 0.1.1 DRAFT
freeze_meeting: SP-22
history (event, available, version, comments):
draft 24/01/2003 0 . 1 . 1

WG (prime / other): R3 / - *rapporteur:* HWANG, Woonhee NOKIA Corporation
G: *U:* yes *MCC:* KRAUSE, Joern

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

TR 25.898 Power control enhancements for UTRA

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

WG (prime / other): R1 / - *rapporteur:* MITRA, Diptendu NOKIA UK Ltd
G: *U:* yes *MCC:* SASAKI, Tsukasa

remarks - general:
remarks - this release: .

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

TR 25.899	HSDPA enhancements						
Rel-6	current version: none		WG (prime / other): R1 /	rapporteur: FUKUI, Noriyuki		Mitsubishi Electric Co.	
	freeze_meeting: RP-21		G: U: yes	MCC: SASAKI, Tsukasa			
history (event, available, version, comments):							
		remarks - general:					
		remarks - this release: .					
TR 25.942	RF system scenarios						
Rel-6	current version: 6.0.0		WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia		Vodafone Omnitel N.V	
	freeze_meeting: SP-22		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
history (event, available, version, comments):							
	RP-18 10/01/2003 6 . 0 . 0			get it	remarks - general:	Additional rapporteur = A.De Pasquale.	
		remarks - this release: .					
TR 25.992	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements						
Rel-6	current version: 1.2.0	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, comments):							
	draft 1 . 0 . 0	NOT seen by TSG RAN. Suspect version	remarks - general:				
	draft 1 . 1 . 0	number is too optimistic.	remarks - this release: .				
	draft 20/01/2003 1 . 2 . 0	Exploder list. Still not seen by RAN.	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: 6.0.0		WG (prime / other): R2 /	rapporteur: FAUCONNIER, Denis		NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-22		G: U: yes	MCC: ARZELIER, Claude			
history (event, available, version, comments):							
	RP-18 16/12/2002 0 . 0 . 0	RP-020814; version number incorrect on the document	get it	remarks - general:			
	RP-18 16/01/2003 0 . 1 . 0	RP-020877	get it	remarks - this release:	SP-17: Currently the latest release version.		
	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 versions	get it				

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

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

TR 25.996 **Spacial channel model for Multiple Input Multiple Output (MIMO) simulations**
Rel-6 *current version: none* *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies
freeze_meeting: *G:* *U: yes* *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):

remarks - general:
remarks - this release: .

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

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, comments):

remarks - general:
remarks - this release: .

TS 26.244 **Transparent end-to-end transparent streaming service; 3GPP file format (3GP)**
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, comments):

remarks - general:
remarks - this release: .

TS 26.245 **Transparent end-to-end transparent streaming service; Timed text format**
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, comments):

remarks - general:
remarks - this release: .

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

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

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ACTIVE specs 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:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* .

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:* 6.0.0 *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, comments):
NP-18 09/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 29.163 Interworking between the IM CN subsystem and CS networks

Rel-6 *current version:* 1.5.0 DRAFT *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, comments):
N3-21 1 . 2 . 0 *remarks - general:*
editorials 1 . 2 . 1 *remarks - this release:* NP-16: For earlier versions: see Rel-5.
N3-23 1 . 3 . 1
draft 20/01/2003 1 . 4 . 1 [get it](#)
NP-19 06/03/2003 1 . 5 . 0 [get it](#)

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, comments):
remarks - general: Work item description in N4-021258.
remarks - this release: .

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

TS 29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> N4 / N2	<i>rapporteur:</i> RODRIGUEZ, Raquel	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>	Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking",		
			<i>remarks - this release:</i>	. see N4-030221 (né N4-030157)		
<hr/>						
TS 29.240	Generic User Profile (GUP); Stage 3; Network					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241		
			<i>remarks - this release:</i>	2003-03-05: Delayed from Rel-5.		
<hr/>						
TS 29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>	2002-05-30: Created in response to proposed new WI in N4-020773.		
			<i>remarks - this release:</i>			
<hr/>						
TS 29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> SANDERS, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i>	.		
<hr/>						
TR 29.846	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> N1 /	<i>rapporteur:</i> HOBBS, Kevan	3		
	<i>freeze_meeting:</i> NP-19	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i>	.		

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ACTIVE specs Rel-6 29 .- series
Server location: 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:* 1.1.0 DRAFT *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: SP-22 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-18 06/01/2003 1 . 0 . 0 NP-020610 [get it](#) *remarks - general:*
NP-19 06/03/2003 1 . 1 . 0 [get it](#) *remarks - this release:* .

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 Peter MOTOROLA A/S
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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, comments):
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

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

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ACTIVE specs Rel-6 31 .- series
Server location: 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> 6.1.0	<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, comments):</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.		
<hr/>						
TS 31.102	Characteristics of the USIM Application					
Rel-6	<i>current version:</i> 6.0.0	<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, comments):</i>					
	TP-18 02/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>	.		
<hr/>						
TS 31.103	Characteristics of the ISIM application					
Rel-6	<i>current version:</i> 6.0.0	<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, comments):</i>					
	TP-18 02/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>	.		
<hr/>						
TS 31.113	USAT interpreter byte codes					
Rel-6	<i>current version:</i> 6.1.0	<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, comments):</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>	.		
<hr/>						
TS 31.114	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, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i>	TP-15: Enhancements to Rel-5 envisaged.		

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

TS 31.115	Secured packet structure for (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		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version, comments):</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 (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		<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version, comments):</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				
<hr/>									
TS 31.131	C-language binding for (U)SIM API								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T3 /		<i>rapporteur:</i> TON, Wim		ASPECTS Software Ltd		
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	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>	.		

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> 1.1.1	DRAFT	<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> CARYER, Geoffrey		TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.		
	<i>freeze_meeting:</i> SP-16		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	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.		

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

TS 32.141	Telecommunication management; Services operations management; Subscription management architecture					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> EDER, Michael		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i>						
<i>remarks - this release:</i> .						
<hr/>						
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, comments):</i>						
<i>remarks - general:</i> Justification: see SP-020608. Stage 3: see 27.150.						
<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> 1.0.0	<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, comments):</i>						
	SP-17 16/09/2002 1 . 0 . 0 SP-020500	get it	<i>remarks - general:</i>			
<i>remarks - this release:</i> .						
<hr/>						
TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Information services					
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, comments):</i>						
<i>remarks - general:</i>						
<i>remarks - this release:</i> .						
<hr/>						
TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); 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, comments):</i>						
<i>remarks - general:</i>						
<i>remarks - this release:</i> .						

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ACTIVE specs Rel-6 32 .- series
Server location: 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> 6.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	Motorola Inc.	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-16 17/06/2002 1 . 0 . 0				SP-020330
	SP-18 06/01/2003 2 . 0 . 0				SP-020755
	SP-18 06/01/2003 6 . 0 . 0				
		get it	<i>remarks - general:</i>		
		get it	<i>remarks - this release:</i> .		
		get it			
<hr/>					
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, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
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> RONKA, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM 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> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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

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, comments):

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, comments):

remarks - general:
remarks - this release: .

TS 32.683 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set
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, comments):

remarks - general:
remarks - this release: .

TS 32.684 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set
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, comments):

remarks - general:
remarks - this release: .

Rel-6 **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 access.

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ACTIVE specs 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	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-18 18/12/2002 6 . 0 . 0		get it	<i>remarks - general:</i> 2001-12-04 Title changed from "Lawful Interception; Interface between core network					
				<i>remarks - this release:</i> . and law agency equipment" (Berthold.Wilhelm@RegTP.de).					
<hr/>									
TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> KOIEN, Geir	Telenor AS				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-18 18/12/2002 6 . 0 . 0		get it	<i>remarks - general:</i> 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).					
				<i>remarks - this release:</i> .					
<hr/>									
TS 33.234	3G security; Wireless Local Area Network (WLAN) interworking security								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	S3-25 23/10/2002 0 . 1 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TS 33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)								
Rel-6	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	S3-25 23/10/2002 0 . 0 . 1		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					

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

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 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:* Moved from SMG3 Jan 2000.
remarks - this release: .

TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: Jose Luis
G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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 Protocol

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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:* .

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ACTIVE specs Rel-6 44 .- series
Server location: 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:* 6.1.0 *WG (prime / other):* G2 / *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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

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:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 45.002 Multiplexing and Multiple Access on the Radio Path
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 45.005 Radio transmission and reception
Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

TS 45.008 Radio subsystem link control
Rel-6 *current version:* 6.1.0 *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, comments):
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

TR 45.050 Background for RF Requirements
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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, comments):
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:* 1.0.0 DRAFT *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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](#)

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

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ACTIVE specs 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 Peter MOTOROLA A/S
freeze_meeting: SP-22 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-13 21/02/2003 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:* BLADSSJO, David Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
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

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ACTIVE specs 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, comments):
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

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, comments):
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, comments):
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](#)

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3GPP specification status

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

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	<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								
		G: yes	U:		MCC:			POPE, Maurice	
	<i>history (event, available, version, comments):</i>								
	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	<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								
		G: yes	U:		MCC:			POPE, Maurice	
	<i>history (event, available, version, comments):</i>								
	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 55.218	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								
		G: yes	U:		MCC:			POPE, Maurice	
	<i>history (event, available, version, comments):</i>								
	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					

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								
		G: yes	U:		MCC:			POPE, Maurice	
	<i>history (event, available, version, comments):</i>								
	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					

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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:* 5.2.0
freeze_meeting: SP-16
history (event, available, version, comments):

SP-12		0	.	0	.	0		SP-010275		
SP-12	05/07/2001	0	.	1	.	0		SP-010381	get it	<i>remarks - general:</i>
SP-13	01/10/2001	1	.	0	.	0		SP-010418	get it	<i>remarks - this release:</i> .
SP-15	19/03/2002	1	.	1	.	0		SP-020095	get it	
SP-15	19/03/2002	1	.	2	.	0		SP-020202	get it	
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	get it	
SP-17	18/09/2002	5	.	1	.	0			get it	
SP-18	03/01/2003	5	.	2	.	0			get it	

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

TS 21.111 USIM and IC card requirements

Rel-5 *current version:* 5.1.0
freeze_meeting: TP-16
history (event, available, version, comments):

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> .

WG (prime / other): T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* DIETZE, Claus

TR 21.801 Specification drafting rules

Rel-5 *current version:* 5.0.1
freeze_meeting: SP-15
history (event, available, version, comments):

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> .

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

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ACTIVE specs Rel-5 21 .- series
Server location: 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: 0.7.0	DRAFT	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, comments):						
	draft 15/04/2002	0 . 2 . 0	get it	remarks - general:			
	draft 14/08/2002	0 . 4 . 0	get it	remarks - this release: .			
	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	get it				
<hr/>							
TR 21.900	Technical Specification Group working methods						
Rel-5	current version: 5.0.1		WG (prime / other): SP / -	rapporteur: MEREDITH, John M	ETSI Secretariat		
	freeze_meeting: SP-15		G: yes U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):						
	SP-16 24/06/2002	5 . 0 . 0	get it	remarks - general:			
	edito post SP-17 18/09/2002	5 . 0 . 1	get it	remarks - this release: .			corrects Release id on cover page
<hr/>							
TR 21.905	Vocabulary for 3GPP Specifications						
Rel-5	current version: 5.5.0		WG (prime / other): S1 / -	rapporteur: ZARRI, Michele	T-Mobile (UK) Ltd		
	freeze_meeting: SP-15		G: U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):						
	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: .			
	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				

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

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ACTIVE specs 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	<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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#5	<i>remarks - this release:</i> .
<hr/>						
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
<hr/>						
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-14 10/01/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#5	
	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		
<hr/>						
TS 22.004	General on supplementary services					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.011	Service accessibility					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLAIRE, Jean Paul		France Telecom	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-17 17/09/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .	

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TS 22.016	International Mobile Equipment Identities (IMEI)								
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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</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 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-17 18/09/2002 5 . 0 . 0 identical to 4.1.0.		get it	<i>remarks - general:</i> Transfer>TSG#4					
				<i>remarks - this release:</i> .					
<hr/>									
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0		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)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</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 22.031	Fraud Information Gathering System (FIGS); 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-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-18 06/01/2003 5 . 0 . 0 Technically identical to 43.031 v5.0.0.		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					
				<i>remarks - this release:</i> Created from 42.031 Rel-5. -> 22.031.					

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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	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> 5.2.0	<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, comments):</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				
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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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.053	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, Paulino			
	<i>history (event, available, version, comments):</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, comments):</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> 5.2.0	<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, comments):</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				
<hr/>						
TS 22.066	Support of Mobile Number Portability (MNP); 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.067	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, comments):</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 22.071	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, comments):</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			
<hr/>							
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, comments):</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 22.076	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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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> 5.9.1	<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, comments):</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		

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, comments):</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, comments):</i>				
	SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
				<i>remarks - this release:</i> .	

TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.084	MultiParty (MPTY) supplementary service; 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.085	Closed User Group (CUG) supplementary services; 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.087	User-to-user signalling (UUS); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.088	Call Barring (CB) supplementary services; 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.090	Unstructured Supplementary Service Data (USSD); 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.091	Explicit Call Transfer (ECT) supplementary service; 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, 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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 <i>remarks - this release:</i> .

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

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

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, comments):
SP-16 19/07/2002 5 . 0 . 0

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

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, comments):
SP-16 19/07/2002 5 . 0 . 0

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

TS 22.101 Service aspects; Service principles

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S1 / - *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-15 *G: U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):

SP-09 18/10/2000 5 . 0 . 0
SP-10 08/01/2001 5 . 1 . 0
SP-11 02/04/2001 5 . 2 . 0
SP-12 27/06/2001 5 . 3 . 0
SP-13 05/10/2001 5 . 4 . 0
SP-15 25/03/2002 5 . 5 . 0
SP-16 04/07/2002 5 . 6 . 0
SP-17 17/09/2002 5 . 7 . 0
SP-18 18/12/2002 5 . 8 . 0

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

TS 22.105 Services and service capabilities

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: SP-15 *G: U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):

SP-13 05/10/2001 5 . 0 . 0
SP-15 25/03/2002 5 . 1 . 0
SP-16 04/07/2002 5 . 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 access.

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

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, comments):</i>					
	TP-13 12/10/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.115	Service Aspects Charging and billing					
Rel-5	<i>current version:</i> 5.2.0	<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, comments):</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				
<hr/>						
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, comments):</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; Stage		
	SP-12 27/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>	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	get it		Converted from TS to TR.		
<hr/>						
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>			
	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				

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

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

TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick	ORANGE PCS LTD	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-13 05/10/2001 5 . 0 . 0			get it	<i>remarks - general:</i>		
	SP-14 10/01/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>		
	SP-16 04/07/2002 5 . 2 . 0			get it			
<hr/>							
TS 22.135	Multicall; Service description; 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	G: U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
<hr/>							
TS 22.140	Multimedia Messaging Service (MMS); Stage 1						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	LAUMEN, Josef	SIEMENS AG	
	<i>freeze_meeting:</i> SP-15	G: U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-14 10/01/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	(development in T2)	
	SP-15 28/03/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>		
	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			
<hr/>							
TS 22.226	Global text telephony (GTT); Stage 1: Service description						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	HELLSTROM, Gunnar	Omnitor AB	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-09 27/11/2000 1 . 0 . 0			get it	<i>remarks - general:</i>	SP-16: to "GERAN" set.	
	SP-12 27/06/2001 2 . 0 . 0			get it	<i>remarks - this release:</i>	WI approved TSG#7	SP-010266
	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			

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

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

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, comments):

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, comments):

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](#)

TR 22.928 IP-based multimedia services examples

Rel-5 *current version:* none *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd

freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

remarks - general:

remarks - this release: .

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

TR 22.941	IP based multimedia framework; Stage 0								
Rel-5	<i>current version:</i> 0.7.0	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	draft	05/07/2001	0 . 1 . 0	get it	<i>remarks - general:</i>				
	SP-12	05/07/2001	0 . 2 . 4	get it	<i>remarks - this release:</i>	TP-16: likely to drop out of Rel-5 if no progress soon. SP-18: annex C presented at "evolution" workshop (EV-020021).			
	draft	15/10/2001	0 . 4 . 1	get it					
	SP-14	02/01/2002	0 . 7 . 0	get it					
						NP-010701 (!)			
<hr/>									
TR 22.944	Service requirements for UE functionality split								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GUPTA, Sanjay	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-14	02/01/2002	1 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-15	19/03/2002	2 . 0 . 0	get it	<i>remarks - this release:</i>	.			
	SP-15	02/04/2002	5 . 0 . 0	get it		Not fit for SDO publication. Contains many editor's notes.			
	SP-16	04/07/2002	5 . 1 . 0	get it					
<hr/>									
TR 22.976	Study on PS domain services and capabilities								
Rel-5	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-08	28/06/2000	2 . 0 . 0	get it	<i>remarks - general:</i>	Created Jan-00			
					<i>remarks - this release:</i>	2001-12-04: Rel4->Rel-5 (Clayton).			

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

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

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

TS 23.002	Network architecture					
Rel-5	<i>current version:</i> 5.9.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		SOURCE COM
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	SP-09 18/10/2000	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5	
	SP-10 21/12/2000	5 . 1 . 0		get it	<i>remarks - this release:</i>	
	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		
<hr/>						
TS 23.003	Numbering, Addressing and Identification					
Rel-5	<i>current version:</i> 5.5.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick		VODAFONE LTD
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 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					
<hr/>						
TS 23.007	Restoration procedures					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick		VODAFONE LTD
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>					
	NP-16 21/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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

TS 23.008	Organisation of subscriber data				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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			
	NP-18 07/01/2003 5 . 3 . 0	get it			
<hr/>					
TS 23.009	Handover procedures				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-14 08/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-16 20/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-17 17/09/2002 5 . 2 . 0	get it			
	NP-18 02/01/2003 5 . 3 . 0	get it			
<hr/>					
TS 23.011	Technical realization of Supplementary Services				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 23.012	Location management procedures				
Rel-5	<i>current version:</i> 5.0.0	<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, comments):</i>				
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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

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

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15
history (event, available, version, comments):
NP-16 26/06/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 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-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
NP-16 24/06/2002 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

TS 23.016 Subscriber data management; Stage 2

Rel-5 *current version:* 5.2.0
freeze_meeting: NP-15
history (event, available, version, comments):
NP-15 28/03/2002 5 . 0 . 0
NP-16 21/06/2002 5 . 1 . 0
NP-17 17/09/2002 5 . 2 . 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](#)

TS 23.018 Basic Call Handling; Technical realization

Rel-5 *current version:* 5.5.0
freeze_meeting: NP-15
history (event, available, version, comments):
NP-12 27/06/2001 5 . 0 . 0
NP-13 03/10/2001 5 . 1 . 0
NP-14 16/01/2002 5 . 2 . 0
NP-15 28/03/2002 5 . 3 . 0
NP-17 17/09/2002 5 . 4 . 0
NP-18 07/01/2003 5 . 5 . 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](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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

TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> SP-18 06/01/2003 5 . 0 . 0 Technically identical to 43.031 v5.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5			
			<i>remarks - this release:</i> Created from 43.031 Rel-5. -> 23.031.			
<hr/>						
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2					
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRION RODRIGO, Inmaculada	NOKIA Corporation		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i> NP-16 26/06/2002 5 . 0 . 0 NP-18 18/12/2002 5 . 1 . 0	get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> .			
<hr/>						
TS 23.035	Immediate Service Termination (IST); Stage 2					
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> SP-16 24/06/2002 5 . 0 . 0 SP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).			
		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>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</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>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.5.1
freeze_meeting: TP-15
history (event, available, version, comments):

NP-12	05/07/2001	5	.	0	.	0	get it	<i>remarks - general:</i>
TP-13	03/10/2001	5	.	1	.	0	get it	<i>remarks - this release:</i> .
TP-14	11/01/2002	5	.	2	.	0	get it	
TP-15	26/03/2002	5	.	3	.	0	get it	
TP-16	05/07/2002	5	.	4	.	0	get it	
TP-17	18/09/2002	5	.	5	.	0	get it	

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

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-16
history (event, available, version, comments):

TP-16	26/06/2002	5	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
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WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

TS 23.042 Compression algorithm for SMS

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-15
history (event, available, version, comments):

TP-16	26/06/2002	5	.	0	.	0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

TS 23.048 Security Mechanisms for the (U)SIM application toolkit; Stage 2

Rel-5 *current version:* 5.5.0
freeze_meeting: TP-15
history (event, available, version, comments):

TP-12	06/07/2001	5	.	0	.	0	get it	<i>remarks - general:</i> TP-12: replaces 43.048. TP-15: For test spec, see 31.048, <i>remarks - this release:</i> .
TP-13	12/10/2001	5	.	1	.	0	get it	
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	

WG (prime / other): T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
G: yes U: yes *MCC:* DIETZE, Claus

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

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

TS 23.053	Tandem Free Operation (TFO); Service description; Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / S2	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> No draft.				
					<i>remarks - this release:</i> .				
<hr/>									
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	BRENG, Lars	TTPCom Ltd			
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	TP-15 25/03/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Apr-2001: " Station Application" removed from title.				
	TP-17 18/09/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
<hr/>									
TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	ZHAO, Yilin	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-14 08/01/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 05/04/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
	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	Seems that approved CR418 was not implemented.		get it					
<hr/>									
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	LOPEZ SORIA, Luis	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16 24/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5				
					<i>remarks - this release:</i> .				
<hr/>									
TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
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	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16 24/06/2002 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 access.

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

TS 23.072	Call Deflection Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-16 17/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5		
	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				
<hr/>						
TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<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, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5		
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-18 07/01/2003 5 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<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, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<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, comments):</i>					
	NP-16 21/06/2002 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 access.

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ACTIVE specs Rel-5 23 .- series
Server location: 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	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-15 28/03/2002 5 . 0 . 0				get it	<i>remarks - general:</i>
	NP-17 17/09/2002 5 . 1 . 0				get it	<i>remarks - this release:</i> .
<hr/>						
TS 23.084	MultiParty (MPTY) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-12 27/06/2001 5 . 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-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, comments):</i>					
	NP-16 24/06/2002 5 . 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-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, comments):</i>					
	NP-16 24/06/2002 5 . 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-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, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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

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

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

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

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

TS 23.096 Name Identification Supplementary Service; Stage 2

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

WG (prime / other): N4 / - *rapporteur:* HEWSON, Ruth VODAFONE Group Plc
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:* 5.7.0
freeze_meeting: SP-15
history (event, available, version, comments):
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

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, comments):
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.

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

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

TS 23.116	Super-Charger technical realization; Stage 2				
Rel-5	<i>current version:</i> 5.0.0	<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> NP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5		
			<i>remarks - this release:</i> .		
<hr/>					
TS 23.119	Gateway Location Register (GLR); Stage2				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 24/06/2002 5 . 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-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-16 24/06/2002 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 18/12/2002 5 . 2 . 0	get it			
<hr/>					
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD, Christophe	ERICSSON RESEARCH CANADA	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-14 07/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.		
	SP-15 05/04/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-16 17/06/2002 5 . 2 . 0	get it			
<hr/>					
TS 23.135	Multicall supplementary service; Stage 2				
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> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 24/06/2002 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 access.

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

TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	LAUMEN, Josef	SIEMENS AG			
	<i>freeze_meeting:</i> TP-15	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	TP-13 05/10/2001 5 . 0 . 0			get it			<i>remarks - general:</i>		
	TP-14 11/01/2002 5 . 1 . 0			get it			<i>remarks - this release:</i>	2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available.	
	TP-15 29/03/2002 5 . 2 . 0			get it					
	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-MM7-1-0 .
	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.
<hr/>									
TS 23.146	Technical realisation of facsimile Group 3 service - non-transparent								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	HAGIWARA, Junichiro	NTT DoCoMo Inc.			
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	NP-16 28/06/2002 5 . 0 . 0			get it			<i>remarks - general:</i>		
							<i>remarks - this release:</i>	.	
<hr/>									
TS 23.153	Out of Band Transcoder Control; Stage 2								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	HODGES, Phil	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-15 28/03/2002 5 . 0 . 0			get it			<i>remarks - general:</i>	New after TSG#5	
	NP-16 21/06/2002 5 . 1 . 0			get it			<i>remarks - this release:</i>	.	
	NP-17 18/09/2002 5 . 2 . 0			get it					
	NP-18 09/01/2003 5 . 3 . 0			get it					

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

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

TS 23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIIK, Rune Werner	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	<i>G:</i> U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	draft	18/04/2002	1 . 0 . 0	get it	<i>remarks - general:</i>
	NP-16	25/06/2002	2 . 0 . 0	get it	<i>remarks - this release:</i> .
	NP-16	28/06/2002	5 . 0 . 0	get it	
	NP-18	09/01/2003	5 . 1 . 0	get it	
<hr/>					
TS 23.205	Bearer-independent circuit-switched core network; Stage 2				
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HODGES, Phil	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-14	10/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i> 2000-10: Rap change from Keutmann.
	NP-15	28/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
	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	
<hr/>					
TS 23.207	End-to-end Quality of Service (QoS) concept and architecture				
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson	Nippon Ericsson K.K.	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-12		2 . 0 . 0	SP-010337	<i>remarks - general:</i>
	SP-12	02/07/2001	5 . 0 . 0	get it	<i>remarks - this release:</i> .
	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	

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

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

Rel-5 *current version:* 5.3.0

freeze_meeting: NP-15

WG (prime / other): N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK

G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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](#)

TS 23.221 Architectural requirements

Rel-5 *current version:* 5.7.0

freeze_meeting: SP-15

WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK

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

history (event, available, version, comments):

SP-11 06/04/2001 5 . 0 . 0

[get it](#) *remarks - general:* Derived from R99-specific 23.121

SP-12 02/07/2001 5 . 1 . 0

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

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](#)

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

TS 23.226 Global text telephony (GTT); Stage 2: Architecture

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-12 29/06/2001 2 . 0 . 0 SP-010336 *remarks - general:* 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.
SP-12 29/06/2001 5 . 0 . 0 [get it](#) *remarks - this release:* 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 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-15 26/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5 *current version:* 5.7.0 *WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
draft 30/11/2000 1 . 0 . 0 [get it](#) *remarks - general:*
SP-10 10/01/2001 1 . 4 . 0 SP-000598 [get it](#) *remarks - this release:*
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](#)

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

TS 23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TERRILL, Stephen	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-12	12/07/2001	1 . 0 . 0	SP-010338	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	SP-010507	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

TS 23.240	3GPP generic user profile requirements; Stage 2; Architecture				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UZQUIANO, Nacho	TELEFONICA DE ESPAÑA SA	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
					<i>remarks - general:</i> Cf work item 'Generic user profile'
					<i>remarks - this release:</i> SP-17: anticipate 1.0.0 at SP-18, 2.0.0 at SP-19.

TS 23.271	Location Services (LCS); Functional description; Stage 2				
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-13	15/10/2001	5 . 0 . 0		get it <i>remarks - general:</i> post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
	SP-14	07/01/2002	5 . 1 . 0		get it <i>remarks - this release:</i> .
	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

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

TS 23.278 Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies
freeze_meeting: NP-18 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-14	02/01/2002	1	. 0	. 0	NP-010586	get it	<i>remarks - general:</i> 2001-10-26: renumbered from 23.178.
NP-15	19/03/2002	1	. 1	. 0	NP-020059	get it	<i>remarks - this release:</i> 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	

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, comments):

draft		0	. 0	. 0	2001-08		<i>remarks - general:</i> Was 23.915.
S2-19		0	. 1	. 0	2001-10		<i>remarks - this release:</i> 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	

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

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, comments):

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, comments):

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:* 5.2.0 *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, comments):

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](#)

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

TR 23.955 Virtual Home Environment (VHE) concepts
Rel-5 *current version:* 0.1.0 DRAFT WG (*prime / other*): S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-16 G: U: yes MCC: YOON, Sang-Ui
history (event, available, version, comments):
draft 08/01/2001 0 . 0 . 0 [get it](#) *remarks - general:*
draft 24/01/2001 0 . 1 . 0 [get it](#) *remarks - this release:*

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:* 5.0.0 WG (*prime / other*): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: NP-15 G: yes U: yes MCC: JORGENSEN, Per Johan Skov
history (event, available, version, comments):
NP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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, comments):
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:* 5.6.0 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, comments):
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 be
NP-13 05/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* . 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](#)

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

TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i> NP-16 28/06/2002 5 . 0 . 0 NP-18 18/12/2002 5 . 1 . 0	get it get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		
<hr/>					
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices				
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert BOSWARTHICK, David	SIEMENS AG	
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i> NP-14 16/01/2002 5 . 0 . 0 NP-18 06/01/2003 5 . 1 . 0	get it get it	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link <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) Interface".		
<hr/>					
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3				
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia KYMALAINEN, Kimmo	Nortel Networks (USA)	
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i> NP-15 28/03/2002 5 . 0 . 0 NP-16 21/06/2002 5 . 1 . 0	get it get it	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99. <i>remarks - this release:</i> .		
<hr/>					
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter KYMALAINEN, Kimmo	SIEMENS AG	
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 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 access.

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

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, comments):</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, comments):</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 18/09/2002 5 . 2 . 0	get it				
	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, comments):</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, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 access.

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

TS 24.084 MultiParty (MPty) Supplementary Service; Stage 3

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

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

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

TS 24.085 Closed User Group (CUG) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
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 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
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 24.087 User-to-User Signalling (UUS); Stage 3

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
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 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
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: .

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

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

TS 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

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

WG (prime / other): N4 / - *rapporteur:* BRUSS, Jörg ERICSSON Eurolab Deutschland GmbH
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
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 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
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 24.096 Name Identification Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version, comments):
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 24.135 Multicall supplementary service; Stage 3

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

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
G: U: yes *MCC:* KYMALAINEN, Kimmo

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

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

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

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

Rel-5 *current version:* 5.3.0 *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, comments):

NP-10	05/01/2001	0	.	1	.	0	N1-001114->1378 (NP-000683)	get it	<i>remarks - general:</i>
draft	26/03/2001	0	.	4	.	0		get it	<i>remarks - this release:</i>
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	

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

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

TS 24.229 IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3

Rel-5 *current version:* 5.3.0 *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, comments):

NP-10		0 . 0 . 6			<i>remarks - general:</i> 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	<i>remarks - this release:</i>
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	

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 access.

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

TS 25.101 UE Radio transmission and reception (FDD)

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

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

history (event, available, version, comments):

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

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

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

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

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

history (event, available, version, comments):

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

Fixes change history table entry.

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

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

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

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

history (event, available, version, comments):

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

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

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

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

TS 25.105	UTRA (BS) TDD: Radio transmission and reception								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	KOTTKAMP, Meik	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-15	29/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16	01/07/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	RP-17	02/10/2002	5 . 2 . 0	get it					
	RP-18	10/01/2003	5 . 3 . 0	get it					

TS 25.106	UTRA Repeater; Radio transmission and reception								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	NILSSON, Martin	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-15	29/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16	01/07/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	RP-17	02/10/2002	5 . 2 . 0	get it					
	RP-18	10/01/2003	5 . 3 . 0	get it					

TS 25.113	Base station and repeater electromagnetic compatibility (EMC)								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	BARNES, David	DTI - Department of Trade and Industry			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-15	02/04/2002	5 . 0 . 0	get it	<i>remarks - general:</i>				
	edito	19/04/2002	5 . 0 . 1	get it	<i>remarks - this release:</i> .				
	RP-16	01/07/2002	5 . 1 . 0	get it					
	RP-17	02/10/2002	5 . 2 . 0	get it					
	RP-18	10/01/2003	5 . 3 . 0	get it					

TS 25.123	Requirements for support of radio resource management (TDD)								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	GUERRINI, Claudio	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-15	29/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16	03/07/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	RP-17	10/10/2002	5 . 2 . 0	get it					
	RP-18	10/01/2003	5 . 3 . 0	get it					

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

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

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

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, comments):
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](#)

TS 25.141 Base station conformance testing (FDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
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](#)

TS 25.142 Base station conformance testing (TDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 04/07/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 04/10/2002 5 . 2 . 0 [get it](#)
RP-18 10/01/2003 5 . 3 . 0 [get it](#)

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

3GPP specification status

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

TS 25.143	UTRA repeater; Conformance testing					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> KUMMETZ, Thomas	MIKOM GmbH - Mikrotechnik zur	Kommunikation	
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	Created by renumbering 25.107		
	RP-16 03/07/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>	.		
	RP-17 02/10/2002 5 . 2 . 0	get it				
	RP-18 10/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 25.201	Physical layer - general description					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC:	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</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				
<hr/>						
TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC:	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</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				
<hr/>						
TS 25.212	Multiplexing and channel coding (FDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC:	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</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				

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

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

TS 25.213	Spreading and modulation (FDD)					
Rel-5	<i>current version:</i> 5.2.0	<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, comments):</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				
<hr/>						
TS 25.214	Physical layer procedures (FDD)					
Rel-5	<i>current version:</i> 5.3.0	<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, comments):</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				
<hr/>						
TS 25.215	Physical layer; Measurements (FDD)					
Rel-5	<i>current version:</i> 5.2.0	<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, comments):</i>					
	RP-15 29/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 27/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-18 07/01/2003 5 . 2 . 0	get it				
<hr/>						
TS 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HIRAMATSU, Katsuhiko	Panasonic Mobile Communications Co.,Ltd.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</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				

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

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

TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

history (event, available, version, comments):

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

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:* 5.2.0

freeze_meeting: RP-15

history (event, available, version, comments):

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

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

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

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

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

TS 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

history (event, available, version, comments):

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

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](#)

TS 25.225 Physical layer; Measurements (TDD)

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

history (event, available, version, comments):

RP-15 02/04/2002 5 . 0 . 0

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

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

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

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

NEC Corporation

[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 access.

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

TS 25.301 Radio Interface Protocol Architecture

Rel-5 *current version:* 5.2.0

freeze_meeting: RP-15

history (event, available, version, comments):

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:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH

G: *U:* yes *MCC:* ARZELIER, Claude

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

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

[get it](#)

TS 25.302 Services provided by the physical layer

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

history (event, available, version, comments):

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 20/12/2002 5 . 3 . 0

WG (prime / other): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?

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

[get it](#)

[get it](#)

TS 25.303 Interlayer procedures in Connected Mode

Rel-5 *current version:* 5.1.0

freeze_meeting: RP-15

history (event, available, version, comments):

RP-15 19/03/2002 5 . 0 . 0

RP-16 17/06/2002 5 . 1 . 0

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center

G: *U:* yes *MCC:* ARZELIER, Claude

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

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

[get it](#)

TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

Rel-5 *current version:* 5.2.0

freeze_meeting: RP-15

history (event, available, version, comments):

RP-15 19/03/2002 5 . 0 . 0

RP-16 17/06/2002 5 . 1 . 0

RP-18 08/01/2003 5 . 2 . 0

WG (prime / other): R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation

G: *U:* yes *MCC:* ARZELIER, Claude

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

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

[get it](#)

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

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

TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-5	<i>current version:</i> 5.4.0	<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, comments):</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		
<hr/>						
TS 25.306	UE Radio Access capabilities definition					
Rel-5	<i>current version:</i> 5.3.0	<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, comments):</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		
<hr/>						
TS 25.307	Requirements on UEs supporting a release-independent frequency band					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15	19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements,
					<i>remarks - this release:</i>	Expect continual updates each time a new band is allowed. R4 = RF & RMM
						requirements.
<hr/>						
TS 25.308	UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-13	01/10/2001	0 . 1 . 0	RP-010643 for approval	get it	<i>remarks - general:</i> TS created from entrails of TR 25.855.
	RP-13	02/10/2001	5 . 0 . 0		get it	<i>remarks - this release:</i> .
	RP-14	04/01/2002	5 . 1 . 0		get it	
	RP-15	21/03/2002	5 . 2 . 0		get it	
	RP-18	14/01/2003	5 . 3 . 0		get it	

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

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

TS 25.321 Medium Access Control (MAC) protocol specification

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

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

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

TS 25.322 Radio Link Control (RLC) protocol specification

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

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](#)

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version, comments):
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:* 5.2.0
freeze_meeting: RP-15
history (event, available, version, comments):
RP-15 19/03/2002 5 . 0 . 0
RP-16 17/06/2002 5 . 1 . 0
RP-18 13/01/2003 5 . 2 . 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](#)

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

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

TS 25.331	Radio Resource Control (RRC) protocol specification					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15 04/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 01/10/2002 5 . 2 . 0	get it				
	RP-18 03/02/2003 5 . 3 . 0	get it				
TS 25.401	UTRAN overall description					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-12 06/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-13 12/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-15 02/04/2002 5 . 2 . 0	get it				
	RP-16 28/06/2002 5 . 3 . 0	get it				
	RP-17 30/09/2002 5 . 4 . 0	get it				
	RP-18 03/01/2003 5 . 5 . 0	get it				
TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<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> RP-15	G: U: yes	MCC: KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i> New			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
TS 25.410	UTRAN Iu Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mm02 plc		
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	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 access.

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

TS 25.411	UTRAN Iu 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, comments):</i>					
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 25.411	UTRAN Iu 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, comments):</i>					
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 25.412	UTRAN Iu interface signalling transport					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 30/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 25.413	UTRAN Iu interface RANAP signalling					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> JUSSILA, Jyrki	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</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				
<hr/>						
TS 25.414	UTRAN Iu interface data transport & transport signalling					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> COMSTOCK, David	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</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				

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

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

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> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</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				
<hr/>						
TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	TP-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 03/10/2002 5 . 2 . 0	get it				
<hr/>						
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 03/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 25.421	UTRAN Iur 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	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 25.422	UTRAN Iur interface signalling transport					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 03/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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

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TS 25.423	UTRAN lur interface RNSAP signalling					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	RUNE, Göran	Ericsson AB
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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		

TS 25.424	UTRAN lur 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	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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>	

TS 25.425	UTRAN lur interface user plane protocols for CCH data streams					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	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, comments):</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		

TS 25.426	UTRAN lur and lub 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	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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 access.

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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, comments):</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, comments):</i>						
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
edito post	RP-15 5 . 0 . 1		<i>remarks - this release:</i> .				not produced
	RP-16 28/06/2002 5 . 1 . 0	get it					To include CR029r2 from RP-15 which 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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

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TS 25.433	UTRAN lub interface NBAP signalling							
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ISHIKAWA, Nobutaka	NTT DoCoMo Inc		
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>							
	RP-15 04/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
	RP-16 19/07/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>			
	RP-17 11/10/2002	5 . 2 . 0		get it				
	RP-18 03/01/2003	5 . 3 . 0		get it				

TS 25.434	UTRAN lub 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>	ALDEN, Magnus	TeliaSonera AB		
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version, comments):</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>			

TS 25.435	UTRAN lub interface user plane protocols for CCH data streams							
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version, comments):</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				

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

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

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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, comments):
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, comments):
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, comments):
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:* 5.4.0 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
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](#)

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ACTIVE specs Rel-5 25 .- series
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TR 25.854 Uplink Synchronous Transmission Scheme (USTS)

Rel-5 *current version:* 5.0.0

freeze_meeting: RP-15

history (event, available, version, comments):

RP-13	01/10/2001	1	.	0	.	0	RP-010647	get it	<i>remarks - general:</i>
RP-11	05/04/2001	1	.	0	.	0	RP-010428 at RP-12	get it	<i>remarks - this release:</i>
RP-14	02/01/2002	2	.	0	.	0	RP-010826	get it	
RP-14	11/01/2002	5	.	0	.	0		get it	

WG (prime / other): R1 / *rapporteur:* KIM, Duk Kyung SK TELECOM
G: *U:* yes *MCC:* SASAKI, Tsukasa

TR 25.856 High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects

Rel-5 *current version:* none

freeze_meeting: RP-15

history (event, available, version, comments):

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

remarks - general:
remarks - this release: .

TR 25.857 UE positioning enhancements

Rel-5 *current version:* none

freeze_meeting: RP-15

history (event, available, version, comments):

WG (prime / other): R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general:
remarks - this release: .

TR 25.858 Physical layer aspects of UTRA High Speed Downlink Packet Access

Rel-5 *current version:* 5.0.0

freeze_meeting: RP-15

history (event, available, version, comments):

RP-14	02/01/2002	1	.	0	.	0	RP-010823	get it	<i>remarks - general:</i>
RP-15	04/04/2002	2	.	0	.	0	RP-020255	get it	<i>remarks - this release:</i> .
RP-15	29/03/2002	5	.	0	.	0		get it	

WG (prime / other): R1 / - *rapporteur:* GHOSH, Amitabha Motorola Inc.
G: *U:* yes *MCC:* SASAKI, Tsukasa

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

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ACTIVE specs Rel-5 25 .- series
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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 One
	<i>freeze_meeting:</i> RP-15						
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>						
	draft	0 . 0 . 0					<i>remarks - general:</i>
	draft 04/09/2001	0 . 1 . 0					<i>remarks - this release:</i> .
	RP-13 02/10/2001	1 . 0 . 1	RP-010560			get it	
	RP-15 19/03/2002	2 . 0 . 0	RP-020089			get it	
	RP-15 19/03/2002	2 . 0 . 1	RP-020214			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		<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes				
	RP-15 19/03/2002	1 . 0 . 0	RP-020087			get it	<i>remarks - general:</i>
	RP-16 25/06/2002	2 . 0 . 0	RP-020344			get it	<i>remarks - this release:</i> .
	RP-16 17/06/2002	5 . 0 . 0				get it	

TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks						
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo			TEKMAR Sistemi Srl
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>						
	RP-14 02/01/2002	1 . 0 . 0	RP-010794			get it	<i>remarks - general:</i>
							<i>remarks - this release:</i> .

TR 25.868	Node B synchronization for 1,28 Mcps TDD						
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling			CATT
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-13 01/10/2001	1 . 0 . 0	RP-010668			get it	<i>remarks - general:</i>
	RP-14 02/01/2002	1 . 1 . 0	RP-010898			get it	<i>remarks - this release:</i> .
	RP-15 19/03/2002	1 . 1 . 1	RP-020202			get it	
	RP-15 29/03/2002	5 . 0 . 0				get it	
	post RP-15 15/04/2002	5 . 0 . 1				get it	
	editorial						

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TR 25.869	Transmitter diversity solutions for multiple antennas								
Rel-5	<i>current version:</i> 1.0.2	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-12	28/06/2001	1 . 0 . 0	RP-010344		get it	<i>remarks - general:</i>		
	RP-13	01/10/2001	1 . 0 . 1	RP-010637		get it	<i>remarks - this release:</i> .		
	RP-15	19/03/2002	1 . 0 . 2	RP-020130		get it			
<hr/>									
TR 25.870	Enhancement on the DSCH Hard Split mode								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Jaeyoel	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-12	28/06/2001	0 . 1 . 0	RP-010420		get it	<i>remarks - general:</i>		
	draft	14/09/2001	1 . 0 . 0	RP-010534		get it	<i>remarks - this release:</i> .		
	RP-14	02/01/2002	1 . 1 . 0	RP-010841		get it			
	RP-15	19/03/2002	2 . 0 . 0	RP-020127		get it			
	RP-15	29/03/2002	5 . 0 . 0			get it			
<hr/>									
TR 25.875	NAS node selector function								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> MCWILLIAMS, Brendan	VODAFONE Group Plc				
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version, comments):</i>								
	RP-11	06/04/2001	0 . 0 . 1			get it	<i>remarks - general:</i>		
	RP-14	02/01/2002	1 . 0 . 0	RP-010881		get it	<i>remarks - this release:</i>		
	RP-15	19/03/2002	2 . 0 . 0	RP-020153		get it			
	RP-15	25/03/2002	5 . 0 . 0			get it			
<hr/>									
TR 25.876	Multiple-Input Multiple-Output Antenna Processing for HSDPA								
Rel-5	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard	Lucent Technologies				
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-14	02/01/2002	1 . 0 . 0	RP-010796		get it	<i>remarks - general:</i>		
	RP-15	31/07/2002	1 . 1 . 0	RP-020240		get it	<i>remarks - this release:</i> .		

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

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Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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, comments):
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](#)

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, comments):
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](#)

TR 25.879 Separation of resource reservation and radio link activation

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* KRAUSE, Joern
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
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](#)

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

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

TS 25.880	Re-arrangement of lub transport bearers					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> ISOKANGAS, Jari	NOKIA Corporation	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	draft	0 . 0 . 1				<i>remarks - general:</i> 2003-01: title changed from "Traffic termination point swapping" some time ago.
	R3-21	0 . 0 . 2				<i>remarks - this release:</i> .
	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		

TR 25.881	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	R3-23	0 . 2 . 0	Status report in RP-010611			<i>remarks - general:</i>
	draft	0 . 4 . 0				<i>remarks - this release:</i> .
	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		

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ACTIVE specs Rel-5 25 .- series
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TR 25.882	1,28 Mcps TDD option base station classification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MEYER, Juergen	SIEMENS AG	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-13 01/10/2001 1 . 0 . 0				RP-010645
	RP-14 02/01/2002 1 . 1 . 0	get it			RP-010810
	RP-16 25/06/2002 2 . 0 . 0	get it			RP-020353
	RP-16 03/07/2002 5 . 0 . 0	get it			
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TR 25.883	Direct Transport Bearers Between SRNC and Node-B				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VAN LIESHOUT, Gert-Jan	ERICSSON EUROLAB NETHERLANDS BV	
	<i>freeze_meeting:</i> RP-16	G: U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>				
	draft 03/12/2001 0 . 2 . 0	get it			<i>remarks - general:</i>
	RP-16 25/06/2002 1 . 0 . 0	get it			<i>remarks - this release:</i> .
	RP-16 25/06/2002 2 . 0 . 0	get it			RP-020392
	RP-16 25/06/2002 2 . 0 . 1	get it			RP-020393
	RP-16 25/06/2002 2 . 0 . 1	get it			RP-020452
	RP-16 28/06/2002 5 . 0 . 0	get it			
<hr/>					
TR 25.884	Iur Neighbouring cell reporting efficiency optimisation				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VOLTOLINA, Elena Eva	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>				
	referred to at 11/01/2002 0 . 1 . 0				Status report in RP-010606
	RP-13	get it			<i>remarks - general:</i> Previous rapporteur: Shahrokh Amirijoo.
	RP-15 19/03/2002 1 . 0 . 0	get it			<i>remarks - this release:</i> .
	RP-15 19/03/2002 2 . 0 . 0	get it			RP-020152
	RP-15 02/04/2002 5 . 0 . 0	get it			RP-020153
<hr/>					
TR 25.890	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)				
Rel-5	<i>current version:</i> 1.0.0	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> FERNANDES, Edgar	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	draft 0 . 0 . 0				<i>remarks - general:</i>
	RP-16 26/06/2002 1 . 0 . 0	get it			<i>remarks - this release:</i> .
					RP-020376

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ACTIVE specs Rel-5 25 .- series
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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, comments):</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TR 25.921	Guidelines and principles for protocol description and error handling					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
	RP-18 13/01/2003 5 . 1 . 0	get it			<i>remarks - this release:</i> .	
<hr/>						
TR 25.922	Radio Resource Management Strategies					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TR 25.931	UTRAN Functions, examples on signalling procedures					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CASALINO, Francesco	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</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/>						
TR 25.933	IP transport in UTRAN					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> 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, comments):</i>					
	RP-15 28/03/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
	RP-16 28/06/2002 5 . 1 . 0	get it			<i>remarks - this release:</i> 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).	
	RP-17 03/10/2002 5 . 2 . 0	get it				

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ACTIVE specs Rel-5 25 .- series
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TR 25.956 UTRA repeater: Planning guidelines and system analysis

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* .
remarks - this release: .

TR 25.991 Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / *rapporteur:* MOSHAVI, Shimon Intel Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-14 02/01/2002 1 . 0 . 0 RP-010892 [get it](#) *remarks - general:*
RP-15 19/03/2002 2 . 0 . 0 RP-020121 [get it](#) *remarks - this release:* .
RP-15 02/04/2002 5 . 0 . 0 [get it](#)
RP-18 10/01/2003 5 . 1 . 0 [get it](#)

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-18 13/01/2003 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

TR 25.994 Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults

Rel-5 *current version:* 0.0.0 DRAFT *WG (prime / other):* RP / *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-18 06/01/2003 0 . 0 . 0 RP-020880 [get it](#) *remarks - general:*
remarks - this release: .

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 *current version:* 0.0.1 DRAFT *WG (prime / other):* RP / *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
draft 0 . 0 . 1 *remarks - general:*
remarks - this release: .

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

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

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

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes U: yes *MCC:* USAI, Paolino
[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.073 AMR speech Codec; C-source code

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

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes U: yes *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

TS 26.074 AMR speech Codec; Test sequences

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

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes U: yes *MCC:* USAI, Paolino
[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.077 Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder

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

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: yes *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Rel-5 26 .- series
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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, comments):</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, comments):</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, comments):</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 26.093	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, comments):</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	
<hr/>						
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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .

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

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ACTIVE specs Rel-5 26 .- series
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TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-5	<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, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
TS 26.102	AMR speech Codec; Interface to lu and Uu					
Rel-5	<i>current version:</i> 5.1.0	<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, comments):</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>	.
<hr/>						
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	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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		
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
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	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

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

TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
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	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#5			
			<i>remarks - this release:</i> .			
<hr/>						
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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
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	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				

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

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

TS 26.140 Multimedia Messaging Service (MMS); Media formats and codes

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / T2 *rapporteur:* CASTAGNO, Roberto NOKIA Corporation
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

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	

TS 26.171 AMR speech codec, wideband; General description

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, comments):

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

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

Rel-5 *current version:* 5.5.0 *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, comments):

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	

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

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

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, comments):

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 sequences	12/11/2001	5 . 1 . 1	get it	
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, USAI, Paolino
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

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>

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, comments):

SP-11	10/04/2001	5 . 0 . 0	get it	<i>remarks - general:</i>
SP-15	28/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>

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, USAI, Paolino
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-11	10/04/2001	5 . 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 access.

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

TS 26.193	AMR speech codec, wideband; Source Controlled Rate operation					
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	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 26.201	AMR speech codec, wideband; 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-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 26.202	AMR speech codec, wideband; Interface to lu and Uu					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 1 . 0 . 0		<i>remarks - general:</i>			
	SP-11 02/08/2001 2 . 0 . 0 SP-010091	get it	<i>remarks - this release:</i>			
	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 (AMR) wideband speech codec					
Rel-5	<i>current version:</i> 5.0.0	<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-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-14 02/01/2002 1 . 0 . 0 SP-010693	get it	<i>remarks - general:</i>			
	SP-15 19/03/2002 2 . 0 . 0 SP-020073	get it	<i>remarks - this release:</i>			
	SP-15 28/03/2002 5 . 0 . 0	get it				

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

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

TS 26.226	Global text telephony (GTT); Transport of text in the voice channel						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i> SP-16: in "GERAN" set.				
			<i>remarks - this release:</i> 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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i> SP-16: in "GERAN" set.				
	correct c-code 29/05/2001 5 . 0 . 1	get it	<i>remarks - this release:</i> TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4				
<hr/>							
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	Omnitor AB			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</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					
<hr/>							
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, comments):</i>						
	SP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
TS 26.234	Transparent end-to-end transparent streaming service; Protocols and codecs						
Rel-5	<i>current version:</i> 5.3.0	<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, comments):</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					

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

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

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, comments):</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.		
<hr/>									
TS 26.236	Packet switched conversational multimedia applications; Transport protocols								
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: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</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				
<hr/>									
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide								
Rel-5	<i>current version:</i> 5.0.0		<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, comments):</i>								
	SP-16	28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); RTP usage model								
Rel-5	<i>current version:</i> 1.2.0	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, comments):</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.		
<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, comments):</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>	.		

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

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

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, comments):
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:* 5.4.0 *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, comments):
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](#)

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, comments):
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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ACTIVE specs Rel-5 27 .- series
Server location: 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, comments):
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 Teleca Limited
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-14 15/01/2002 5 . 0 . 0
TP-15 04/04/2002 5 . 1 . 0
TP-18 20/12/2002 5 . 2 . 0
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[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, comments):
TP-16 26/06/2002 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-14 11/01/2002 5 . 0 . 0
NP-16 24/06/2002 5 . 1 . 0
NP-17 17/09/2002 5 . 2 . 0
NP-18 09/01/2003 5 . 3 . 0
[get it](#) *remarks - general:* GPRS
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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

TS 27.103 Wide Area Network Synchronization

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

WG (prime / other): T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

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

TR 27.901 Report on Terminal Interfaces - An Overview

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

WG (prime / other): T2 / - *rapporteur:* REX, Thomas ERICSSON MOBILE COMMUNICATIONS AB
G: *U:* yes *MCC:* RODERMUND, Friedhelm

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

Rel-5 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-5 *current version:* 5.3.0
freeze_meeting: SP-15
history (event, available, version, comments):
SP-15 28/03/2002 5 . 0 . 0
SP-16 28/06/2002 5 . 1 . 0
SP-17 24/09/2002 5 . 2 . 0
SP-18 03/01/2003 5 . 3 . 0

WG (prime / other): S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
G: yes *U:* yes *MCC:* USAI, Paolino

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

Rel-5 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 access.

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ACTIVE specs 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	<i>current version:</i> 5.4.0	<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, comments):</i>					
	NP-14 18/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-15 04/04/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	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				
<hr/>						
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 Network					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-14 11/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-15 20/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	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				
<hr/>						
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	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	<i>5.2.0WG (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, comments):</i>					
	NP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)			
	NP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 5 . 2 . 0	get it				
<hr/>						
TS 29.011	Signalling Interworking for Supplementary Services					
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, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols				
Rel-5	<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, comments):</i>				
	NP-16 25/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
				<i>remarks - this release:</i> .	
<hr/>					
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-16 26/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-14 04/01/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-15 19/03/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	NP-16 26/06/2002 5 . 2 . 0		get it		
	NP-18 18/12/2002 5 . 3 . 0		get it		
<hr/>					
TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-5	<i>current version:</i> 5.4.0	<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, comments):</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		

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TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)				
Rel-5	<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-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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 Public	
	NP-15 20/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>	NP-16: some indications from N3 report that this spec should not be considered frozen	
	Land Mobile Network (PLMN) supporting GPRS and Packet".				
				frozen; withdraw SDO publications?	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			
<hr/>					
TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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			
<hr/>					
TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> RP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</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			
<hr/>					
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> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	New after TSG#5	
			<i>remarks - this release:</i>	.	

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ACTIVE specs Rel-5 29 .- series
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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		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0					get it <i>remarks - general:</i> New after TSG#5 <i>remarks - this release:</i> .
<hr/>						
TS 29.162	Interworking between the IM CN subsystem and IP networks					
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> HOLLAND, Nigel	mm02 plc	
	<i>freeze_meeting:</i> NP-16		G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>					
	draft 01/06/2001 0 . 1 . 0					get it <i>remarks - general:</i>
	draft 08/11/2001 0 . 3 . 0					get it <i>remarks - this release:</i> .
	draft 14/01/2002 0 . 4 . 0					get it
	draft 18/02/2002 0 . 6 . 1					get it
	NP-15 19/03/2002 1 . 0 . 0	NP-020076				get it
<hr/>						
TS 29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> MOERDIJK, Ard-Jan	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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> .
<hr/>						
TS 29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data					
Rel-5	<i>current version:</i> 5.1.1		<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> MOERDIJK, Ard-Jan	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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> .
	add missing 09/10/2002 5 . 1 . 1					get it
	attachments post					
	NP-17					

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

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

Rel-5 *current version:* 5.1.0 *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, comments):
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:* .

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:* 5.1.0 *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, comments):
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:* .

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

Rel-5 *current version:* 5.1.0 *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, comments):
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:* .

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

Rel-5 *current version:* 5.1.0 *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, comments):
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:* .

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

Rel-5 *current version:* 5.1.0 *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, comments):
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:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* ZOICAS, Adrian
freeze_meeting: NP-15 *G:* U: yes *MCC:*
history (event, available, version, comments):
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:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* TWEEDIE, David NORTEL NETWORKS (EUROPE)
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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:* .

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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

Rel-5 *current version:* 5.1.0 *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, comments):
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:* .

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

Rel-5 *current version:* 5.1.0 *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, comments):
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:* .

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

Rel-5 *current version:* 5.1.0 *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, comments):
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:* .

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, comments):
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:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* VENKATESH, Guda Teltier Technologies
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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, comments):
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](#)

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TS 29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> HEIDERMARK, Alf	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<hr/>					
TS 29.207	Policy control over Go interface				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> YOKOTA, Daisuke	Lucent Technologies Japan Ltd.	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	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	get it		NP-020078	
	draft 18/04/2002 1 . 1 . 0	get it			
	NP-16 26/06/2002 2 . 0 . 0	get it		NP-020167 (RFC ref needs cleaning up)	
	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			
<hr/>					
TS 29.208	End to end Quality of Service (QoS) signalling flows				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> YOKOTA, Daisuke	Lucent Technologies Japan Ltd.	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	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	get it		NP-020079	
	draft 18/04/2002 1 . 1 . 0	get it			
	NP-16 26/06/2002 2 . 0 . 0	get it		NP-020166	
	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			

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

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ACTIVE specs Rel-5 29 .- series
Server location: 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:* 5.2.0 *WG (prime / other):* N4 / *rapporteur:* PALLARES LÓPEZ, Telefon AB LM Ericsson
freeze_meeting: NP-16 Miguel Angel

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

history (event, available, version, comments):

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	

[get it](#)

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

remarks - this release: .

[get it](#)

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Telefon AB LM Ericsson
freeze_meeting: NP-16 Miguel Angel

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

history (event, available, version, comments):

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	

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[get it](#)

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

remarks - this release: .

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

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ACTIVE specs Rel-5 29 .- series
Server location: 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:* 5.4.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: NP-15

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

history (event, available, version, comments):

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

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

[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:* 5.1.0 *WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies
freeze_meeting: NP-18

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

history (event, available, version, comments):

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-020349

[get it](#)

[get it](#)

[get it](#)

remarks - general: NP-16 Existence 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.

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

Rel-5 *current version:* 5.2.1 *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, comments):

NP-16	26/06/2002	2	.	0	.	0
NP-16	25/06/2002	5	.	0	.	0
NP-17	18/09/2002	5	.	1	.	0
NP-18	07/01/2003	5	.	2	.	0
edito to replace lost annex E post	08/01/2003	5	.	2	.	1
NP-18						

NP-020277

[get it](#)

[get it](#)

[get it](#)

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remarks - general: .
remarks - this release: .

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

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

TS 29.329 Sh interface based on the Diameter protocol

Rel-5 *current version:* 5.2.0

freeze_meeting: NP-16

history (event, available, version, comments):

NP-16 26/06/2002 2 . 0 . 1 NP-020266
NP-16 25/06/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0
NP-18 07/01/2003 5 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK

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

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

TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-15

history (event, available, version, comments):

NP-15 20/03/2002 5 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG

G: *U:* yes *MCC:* BOSWARTHICK, David

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

TS 29.415 Core network Nb interface user plane protocols

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-15

history (event, available, version, comments):

NP-15 20/03/2002 5 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* SANDERS, David VODAFONE Group Plc

G: *U:* yes *MCC:* BOSWARTHICK, David

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

TR 29.903 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-15

history (event, available, version, comments):

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

WG (prime / other): N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd

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

remarks - general: Supersedes 29.203.
remarks - this release: NP-11:creation Supersedes 29.203
[get it](#)
[get it](#)

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

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ACTIVE specs Rel-5 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-5	<i>current version:</i> none	<i>WG (prime / other):</i>	RP / -	<i>rapporteur:</i>	COURAU, François	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15	G: yes	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								<i>remarks - general:</i>	
									<i>remarks - this release:</i>	.
<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>WG (prime / other):</i>	N1 / RP	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-15	G: yes	U: yes	<i>MCC:</i>	Skov	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>									
	NP-16 26/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to				
	edito post NP-18 16/12/2002	5 . 0 . 1	minor editorials to change style from TS	get it	<i>remarks - this release:</i>	. latest Release version.				
			to TR.							
<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>WG (prime / other):</i>	N5 /	<i>rapporteur:</i>	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.				
	<i>freeze_meeting:</i> NP-15	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>									
	NP-16 20/06/2002	5 . 0 . 0		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 1: API to CAP Mapping									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N5 /	<i>rapporteur:</i>	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.				
	<i>freeze_meeting:</i> NP-15	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>									
	NP-16 20/06/2002	5 . 0 . 0		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: Call Control Service Mapping; Subpart 4: Multiparty Call Control SIP									
Rel-5	<i>current version:</i> Mapping; Subpart 4: Multiparty Call Control SIP	<i>WG (prime / other):</i>	5.0.0WG	<i>prime / other):</i>	N5	/-	<i>rapporteur:</i>	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	<i>freeze_meeting:</i> NP-16	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>									
	draft 19/02/2002	0 . 2 . 1	N5-020084	get it	<i>remarks - general:</i>	Evidence for existance unearthed in N5-020143.				
	draft 22/04/2002	1 . 0 . 0		get it	<i>remarks - this release:</i>	.Was originally Rel-6, but moved to Rel 5 NP-15.				
	NP-16 31/05/2002	2 . 0 . 0	NP-020198 (RFC nos. to be corrected.)	get it						
	NP-16 20/06/2002	5 . 0 . 0		get it						
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 29 .- series
Server location: 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-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, comments):
NP-16 20/06/2002 5 . 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-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, comments):
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 20/06/2002 5 . 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-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, comments):
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

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

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ACTIVE specs Rel-5 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TS 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-5 *current version:* 5.0.0 *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, comments):
NP-18 07/01/2003 5 . 0 . 0 [get it](#) *remarks - general:* .
remarks - this release: NP-18: Evidently Rel-5 is indeed required!

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, comments):
remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: TP-17 *G: U: yes* *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 02/01/2003 5 . 1 . 0 [get it](#) *remarks - this release:* TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.

TS 31.102 Characteristics of the USIM Application

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH
freeze_meeting: TP-15 *G: U: yes* *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-17 25/09/2002 5 . 2 . 0 [get it](#)
TP-18 02/01/2003 5 . 3 . 0 [get it](#)

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

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ACTIVE specs Rel-5 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.103	Characteristics of the ISIM application				
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-16	G: yes U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	TP-16 26/06/2002 1 . 0 . 0	get it	<i>remarks - general:</i>	TP-020124	
	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			
<hr/>					
TS 31.111	USIM Application Toolkit (USAT)				
Rel-5	<i>current version:</i> 5.3.0	<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	G: yes U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	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			
<hr/>					
TS 31.112	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	G: U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	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-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			

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

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ACTIVE specs Rel-5 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.113	USAT interpreter byte codes				
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-15	G:	U: yes	MCC:	DIETZE, Claus
<i>history (event, available, version, comments):</i>					
	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-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-010208	
<hr/>					
TS 31.114	USAT interpreter protocol and administration				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael	GIESECKE & DEVRIENT GmbH	
	<i>freeze_meeting:</i> TP-15	G:	U: yes	MCC:	DIETZE, Claus
<i>history (event, available, version, comments):</i>					
	TP-14 02/01/2002	1 . 0 . 0	get it	<i>remarks - general:</i>	
	TP-15 19/03/2002	1 . 5 . 1	get it	<i>remarks - this release:</i>	
	TP-15 19/03/2002	2 . 0 . 0	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-010248	
				TP-020030	
				TP-020077	
<hr/>					
TR 31.900	SIM/USIM internal and external interworking aspects				
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> SP-15	G:	U: yes	MCC:	DIETZE, Claus
<i>history (event, available, version, comments):</i>					
	TP-15 28/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
	TP-16 19/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .	

Rel-5 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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

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ACTIVE specs 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:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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 Inc.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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: Information Service

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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

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ACTIVE specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set				
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-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-15 26/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts		
	SP-17 08/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-18 09/01/2003 5 . 2 . 0	get it			

TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set				
Rel-5	<i>current version:</i> 5.3.0	<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, comments):</i>				
	SP-15 26/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts		
	SP-16 20/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-17 20/09/2002 5 . 2 . 0	get it			
	SP-18 09/01/2003 5 . 3 . 0	get it			

TS 32.200	Telecommunication management; Charging management; Charging principles				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> AHLBÄCK, Hans		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-15 26/03/2002 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 06/01/2003 5 . 2 . 0	get it			

TS 32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BENDER, James		Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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			

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

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Server location: 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-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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			

TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)					
Rel-5	<i>current version:</i> 5.1.0	<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, comments):</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			

TS 32.235	Telecommunication management; Charging management; Charging data description for application services					
Rel-5	<i>current version:</i> 5.1.0	<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, comments):</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> .		

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, comments):</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> .		

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

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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 Inc.			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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; Information Service						
Rel-5	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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					
<hr/>							
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set						
Rel-5	<i>current version:</i> 5.1.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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					
<hr/>							
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CMIP Solution Set						
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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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					

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ACTIVE specs Rel-5 32 .- series
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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, comments):
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, comments):
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, comments):
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, comments):
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](#)

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

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TS 32.323	Telecommunication management; Test management Integration Reference Point (IRP); Corba solution set					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-16 17/06/2002	1 . 0 . 0	SP-020328	get it	<i>remarks - general:</i>	
	SP-17 16/09/2002	2 . 0 . 0	SP-020458	get it	<i>remarks - this release:</i>	.
	SP-17 18/09/2002	5 . 0 . 0		get it		
	edito post SP-18 13/01/2003	5 . 0 . 1		get it		
<hr/>						
TS 32.324	Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set					
Rel-5	<i>current version:</i> 5.0.1	<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, comments):</i>					
	SP-16 17/06/2002	1 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-17 16/09/2002	2 . 0 . 0	SP-020459	get it	<i>remarks - this release:</i>	.
	SP-17 18/09/2002	5 . 0 . 0		get it		
	edito post SP-18 13/01/2003	5 . 0 . 1		get it		
<hr/>						
TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	was 32.104 (pars)
	SP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.
<hr/>						
TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-16 20/06/2002	5 . 0 . 0	WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)	get it	<i>remarks - general:</i>	was 32.104 (pars)
	SP-17 19/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.

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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> WILBER, John		
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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 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, comments):</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 Configuration 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> WILBER, John		
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.601-2 <i>remarks - this release:</i> .
<hr/>					
TS 32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.601-3 <i>remarks - this release:</i> .
<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> 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, comments):</i>				
	SP-18 08/01/2003 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.601-4 <i>remarks - this release:</i> .

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

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TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements				
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-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-16 21/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-1
	SP-17 27/09/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .
<hr/>					
TS 32.612	Telecommunication management; Configuration Management (CM); Bulk 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> PIRT, Trevor		MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-2
	SP-18 07/01/2003 5 . 1 . 0			get it	<i>remarks - this release:</i> .
<hr/>					
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set				
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: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-3
					<i>remarks - this release:</i> .
<hr/>					
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk 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, comments):</i>				
	SP-18 07/01/2003 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-4
					<i>remarks - this release:</i> .
<hr/>					
TS 32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-16 21/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-5
	edito after SP-17 18/09/2002 5 . 0 . 1			get it	<i>remarks - this release:</i> .

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

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

TS 32.621	Telecommunication management; Configuration Management (CM); Generic 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-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-17 27/09/2002 5 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-1 <i>remarks - this release:</i> .
<hr/>				
TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
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, comments):</i>			
	SP-17 27/09/2002 5 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-2 <i>remarks - this release:</i> .
<hr/>				
TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-17 27/09/2002 5 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-3 <i>remarks - this release:</i> .
<hr/>				
TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) 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: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-17 27/09/2002 5 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-4 <i>remarks - this release:</i> .
<hr/>				
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file			
Rel-5	<i>current version:</i> format definition	5.0.0	<i>WG (prime / other):</i> S5	<i>/ rapporteur:</i> BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-16 17/06/2002 1 . 0 . 0		get it	<i>remarks - general:</i>
	SP-17 06/09/2002 2 . 0 . 0		get it	<i>remarks - this release:</i> .
	SP-17 18/09/2002 5 . 0 . 0		get it	

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

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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	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-1	
			<i>remarks - this release:</i> .	
<hr/>				
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> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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> .	
<hr/>				
TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set			
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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> .	
<hr/>				
TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): 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: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-18 08/01/2003 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-4	
			<i>remarks - this release:</i> .	
<hr/>				
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:</i> format definition	5.0.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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		

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

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TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN 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-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-17 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-1						
			<i>remarks - this release:</i> .						
<hr/>									
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</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 to 09/01/2003 5 . 1 . 1	get it							
	accept all rev marks								
<hr/>									
TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-17 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-3						
			<i>remarks - this release:</i> .						
<hr/>									
TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): 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, comments):</i>								
	SP-18 08/01/2003 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-4						
			<i>remarks - this release:</i> .						
<hr/>									
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:</i> format definition	5.0.0	<i>WG (prime / other):</i> S5	<i>/ rapporteur:</i> BONNEAU, Frédéric					
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</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							

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

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TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17 <i>history (event, available, version, comments):</i> SP-17 27/09/2002 5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	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:</i> 5.0.1 <i>freeze_meeting:</i> SP-17 <i>history (event, available, version, comments):</i> SP-17 27/09/2002 5 . 0 . 0 edito post SP-18 09/01/2003 5 . 0 . 1
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PETERSEN, Robert Ericsson AB <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> was 32.623-2 get it <i>remarks - this release:</i> .

TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> SP-17 <i>history (event, available, version, comments):</i> SP-17 08/10/2002 5 . 0 . 0 edito post SP-18 09/01/2003 5 . 0 . 1
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> was 32.623-3 get it <i>remarks - this release:</i> .

TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17 <i>history (event, available, version, comments):</i> SP-18 08/01/2003 5 . 0 . 0
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> was 32.623-4 <i>remarks - this release:</i> .

TS 32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5	<i>current version:</i> format definition 5.0.0 NORTEL NETWORKS (EUROPE)
	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> BONNEAU, Frédéric
	<i>freeze_meeting:</i> SP-16 <i>history (event, available, version, comments):</i> SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars SP-17 16/09/2002 2 . 0 . 0 SP-020463 SP-17 18/09/2002 5 . 0 . 0
	<i>G: yes U: yes</i> <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it

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

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TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM requirements				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	draft 31/01/2002 0 . 1 . 0	get it	<i>remarks - general:</i>		
	SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars	get it	<i>remarks - this release:</i> .		
	SP-17 16/09/2002 2 . 0 . 0 SP-020464	get it			
	SP-17 18/09/2002 5 . 0 . 0	get it			
	SP-18 07/01/2003 5 . 1 . 0	get it			

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> WILBER, John		
	<i>freeze_meeting:</i> SP-18	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	draft 31/01/2002 0 . 1 . 0	get it	<i>remarks - general:</i>		
	SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars	get it	<i>remarks - this release:</i> .		
	SP-17 16/09/2002 2 . 0 . 0 SP-020465	get it			
	SP-17 18/09/2002 5 . 0 . 0	get it			

TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set				
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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 16/09/2002 1 . 0 . 0 SP-020466	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!		

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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 16/09/2002 1 . 0 . 0 SP-020467	get it	<i>remarks - general:</i>		
	SP-18 07/01/2003 2 . 0 . 0 SP-020743	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			

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

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ACTIVE specs Rel-5 32 .- series
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TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
draft 17/01/2002 0 . 1 . 2 [get it](#) *remarks - general:*
SP-16 17/06/2002 1 . 0 . 0 SP-020329 pars [get it](#) *remarks - this release:* .
SP-17 19/07/2002 2 . 0 . 0 SP-020468 [get it](#)
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
draft 19/07/2002 0 . 0 . 0 [get it](#) *remarks - general:*
draft 17/01/2002 0 . 1 . 1 [get it](#) *remarks - this release:* .
SP-16 17/06/2002 1 . 0 . 0 SP-020329 pars [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): CORBA Solution set
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-17 16/09/2002 1 . 0 . 0 SP-020470 [get it](#) *remarks - general:*
SP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - this release:* .

TS 32.674 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CMIP Solution set
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
draft 17/01/2002 0 . 1 . 0 [get it](#) *remarks - general:*
draft 19/07/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .
SP-17 16/09/2002 2 . 0 . 0 SP-020471 [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 access.

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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, comments):</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> .			
<hr/>									
TS 32.692	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network resource model								
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, comments):</i>								
	SP-17 30/08/2002 1 . 0 . 0			SP-020473	get it	<i>remarks - general:</i>			
	SP-17 18/09/2002 5 . 0 . 0				get it	<i>remarks - this release:</i> .			
<hr/>									
TR 32.800	Telecommunication management; Management level procedures and interaction with UTRAN								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BODEN, Bert	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> SP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15 26/03/2002 5 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			
<hr/>									
TR 32.802	Telecommunication management; User Equipment Management (UEM) feasibility study								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-16	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-13 01/10/2001 0 . 0 . 2			TP-010213 (!)	get it	<i>remarks - general:</i>			
	SP-14 02/01/2002 1 . 0 . 0			SP-010652 (also TP-010283)	get it	<i>remarks - this release:</i> .			
	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				

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TS 33.102	3G security; Security architecture						
Rel-5	current version: 5.1.0	WG (prime / other):	S3 / -	rapporteur:	BLOMMAERT, Marc	SIEMENS ATEA NV	
	freeze_meeting: SP-15	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version, comments):						
	SP-16 19/06/2002						5 . 0 . 0
	SP-18 18/12/2002						5 . 1 . 0
							get it remarks - general:
							get it remarks - this release: .
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, comments):						
	SP-11 04/04/2001						5 . 0 . 0
	SP-17 18/09/2002						5 . 1 . 0
							get it remarks - general:
							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, comments):						
	SP-12 04/07/2001						5 . 0 . 0
	SP-14 07/01/2002						5 . 1 . 0
	SP-15 26/03/2002						5 . 2 . 0
	edito post SP-15 15/04/2002						5 . 2 . 1 Corrects change history.
	SP-16 19/06/2002						5 . 3 . 0
	SP-17 18/09/2002						5 . 4 . 0
	SP-18 18/12/2002						5 . 5 . 0
							get it remarks - general:
							get it remarks - this release: .
							get it
							get it
							get it
							get it
TS 33.108	3G security; Handover interface for Lawful Interception (LI)						
Rel-5	current version: 5.2.0	WG (prime / other):	S3 /	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	freeze_meeting: SP-16	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version, comments):						
	SP-15 19/03/2002						1 . 0 . 0 SP-020118
	SP-16 19/06/2002						2 . 0 . 0 SP-020357
	SP-16 19/06/2002						5 . 0 . 0
	SP-17 23/09/2002						5 . 1 . 0
	SP-18 18/12/2002						5 . 2 . 0
							get it remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core network
							get it remarks - this release: . and law agency equipment" (Berthold.Wilhelm@RegTP.de).
							get it
							get it
							get it

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

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ACTIVE specs Rel-5 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.			
	SP-18	18/12/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			
<hr/>									
TS 33.201	Access domain security								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> POPE, Maurice	ETSI Secretariat				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	<i>remarks - general:</i>								
	<i>remarks - this release:</i> .								
<hr/>									
TS 33.203	3G security; Access security for IP-based services								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-13	03/10/2001	0 . 4 . 0	anticipate v2.0.0 at SP-15	get it	<i>remarks - general:</i>			
	SP-14	02/01/2002	1 . 0 . 0	SP-010624	get it	<i>remarks - this release:</i>			
	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				
<hr/>									
TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> KOIEN, Geir	Telenor AS				
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-14	02/01/2002	1 . 0 . 0	SP-010623	get it	<i>remarks - general:</i>	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	<i>remarks - this release:</i>			
	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				

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

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ACTIVE specs Rel-5 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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, comments):
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, comments):
remarks - general:
remarks - this release: .

Rel-5 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109 Terminal logical test interface; Special conformance testing functions
Rel-5 *current version:* 5.2.0 WG (prime / other): R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: RP-15 G: U: yes MCC: ARZELIER, Claude
history (event, available, version, comments):
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. TSG#9:
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* . Stable, so txfered from T1 to R2.
RP-18 13/01/2003 5 . 2 . 0 [get it](#)

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification
Rel-5 *current version:* 5.2.0 WG (prime / other): T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: TP-16 G: U: yes MCC: SALMERON, Lidia
history (event, available, version, comments):
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 [get it](#) There were two annexes C !
TP-18 18/12/2002 5 . 2 . 0 [get it](#)

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

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ACTIVE specs Rel-5 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-5 *current version:* 5.2.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: TP-16 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version, comments):
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](#)

TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
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](#)

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, comments):
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, comments):
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 access.

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ACTIVE specs Rel-5 35 .- series
Server location: 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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence				
			<i>remarks - this release:</i> .				
<hr/>							
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence				
			<i>remarks - this release:</i> .				
<hr/>							
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence				
			<i>remarks - this release:</i> .				
<hr/>							
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: General	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael		
Rel-5	<i>current version:</i> 1: General						
VODAFONE Group Plc							
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> ex SAGE. 2002-06: clarified that deliverable is TS not TR.				
			<i>remarks - this release:</i> .				
<hr/>							
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael		
Rel-5	<i>current version:</i> 2: Algorithm specification						
VODAFONE Group Plc							
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> ex SAGE				
			<i>remarks - this release:</i> .				

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

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ACTIVE specs Rel-5 35 .- series
Server location: 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*; Document
Rel-5 *current version: 3: Implementors' test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-15
history (event, available, version, comments):
SP-16 24/06/2002 5 . 0 . 0

G: U: yes *MCC:* POPE, Maurice
[get it](#) *remarks - general:* ex SAGE
remarks - this release: .

TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document
Rel-5 *current version: 4: Design conformance test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-15
history (event, available, version, comments):
SP-16 24/06/2002 5 . 0 . 0

G: U: yes *MCC:* POPE, Maurice
[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*; Document
Rel-5 *current version: 5: Summary and results of design and evaluation* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-15
history (event, available, version, comments):
SP-16 24/06/2002 5 . 0 . 0

G: U: yes *MCC:* POPE, Maurice
[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 /- *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, comments):
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 access.

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ACTIVE specs Rel-5 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.033 Lawful Interception requirements for GSM

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

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

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

TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* 5.2.0
freeze_meeting: SP-16
history (event, available, version, comments):

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

remarks - general:
remarks - this release: .

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

[get it](#)
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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
freeze_meeting: TP-15
history (event, available, version, comments):
TP-12 06/07/2001 5 . 0 . 0

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A
G: yes U: *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: .

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

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ACTIVE specs Rel-5 42 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.033	Lawful Interception; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-16 24/06/2002 5 . 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-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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 42.068	Voice Group Call Service (VGCS); Stage 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				get it	<i>remarks - general:</i>
	correct title line 22/10/2002 5 . 0 . 1				get it	<i>remarks - this release:</i> .
<hr/>						
TS 42.069	Voice Broadcast Service (VBS); Stage 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0				get it	<i>remarks - general:</i>
	post SP-16 edito to 29/07/2002 5 . 0 . 1				get it	<i>remarks - this release:</i> .
	history box					

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

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ACTIVE specs Rel-5 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

Rel-5 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005	Technical performance objectives					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> NP / -	<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, comments):</i>					
	NP-16 04/07/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
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, comments):</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 Lab S.p.A.		
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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> 5.5.0	<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, comments):</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	

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

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ACTIVE specs Rel-5 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.020	Security-related network functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-16	GP				
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	SP-16 19/07/2002 5 . 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-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000.		
	GP-11 19/09/2002 5 . 1 . 0		get it	<i>remarks - this release:</i>		
<hr/>						
TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-10		Skov			
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	re-issue as TR (not 31/07/2002 5 . 0 . 1		get it	<i>remarks - this release:</i>		
	TS) as per 03.26					
<hr/>						
TR 43.030	Radio network planning aspects					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	reissue as TR 5 . 0 . 1			<i>remarks - this release:</i>		
	instead of TS					
	GP-11 19/09/2002 5 . 1 . 0		get it			

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

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ACTIVE specs Rel-5 43 .- series
 Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.033	Lawful Interception; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-16 24/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-5	<i>current version:</i> 5.0.0	<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, comments):</i>					
	NP-15 20/03/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-03 15/02/2001 5 . 0 . 0				get it	<i>remarks - general:</i> Originally created as 03.51r00
	GP-04 20/04/2001 5 . 1 . 0				get it	<i>remarks - this release:</i>
	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	

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

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ACTIVE specs Rel-5 43 .- series
Server location: 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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.			
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 43.055	Dual Transfer Mode (DTM); Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc			
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
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, comments):</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> 5.3.0	<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, comments):</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					
<hr/>							
TS 43.064	Overall description of the GPRS radio interface; Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<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, comments):</i>						
	GP-09 06/05/2002 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 access.

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ACTIVE specs Rel-5 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.068 Voice Group Call Service (VGCS); 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, comments):
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 43.069 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, comments):
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, comments):
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, comments):
GP-11 16/09/2002 5 . 0 . 0 Technically identical to TR.43.930 v5.1.0 [get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.
remarks - this release: .

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

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ACTIVE specs Rel-5 43 .- series
Server location: 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, comments):

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.
remarks - this release: 2003-01-14: WG Secretary reports that this doc is unlikely to be completed.

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
freeze_meeting: NP-15
history (event, available, version, comments):
NP-16 20/06/2002 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Rel-5
current version: 5.0.1
freeze_meeting: GP-11
history (event, available, version, comments):
GP-11 27/09/2002 5 . 0 . 0
edito 17/12/2002 5 . 0 . 1

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

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

TS 44.004 Layer 1 - General Requirements

Rel-5
current version: 5.2.0
freeze_meeting: GP-09
history (event, available, version, comments):
GP-06 15/11/2001 5 . 0 . 0
GP-07 08/01/2002 5 . 1 . 0
GP-09 06/05/2002 5 . 2 . 0

WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
G: yes U: *MCC:* THOMASEN, Gert

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

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

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ACTIVE specs Rel-5 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.005 Data Link (DL) Layer General Aspects

Rel-5 *current version:* 5.0.1
freeze_meeting: GP-11

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-11 27/09/2002 5 . 0 . 0
edito 17/12/2002 5 . 0 . 1

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

TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-11

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-11 27/09/2002 5 . 0 . 0

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

TS 44.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

Rel-5 *current version:* 5.0.1
freeze_meeting: GP-11

WG (prime / other): G2 / N2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-11 27/09/2002 5 . 0 . 0
edito 17/12/2002 5 . 0 . 1

[get it](#) *remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)
[get it](#) *remarks - this release:* .

TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15

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

history (event, available, version, comments):

NP-16 20/06/2002 5 . 0 . 0

[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

WG (prime / other): G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-11 27/09/2002 5 . 0 . 0
GP-13 21/02/2003 5 . 1 . 0

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

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

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ACTIVE specs Rel-5 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 Protocol

Rel-5 *current version:* 5.9.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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	02/05/2002	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	17/12/2002	5 . 8 . 0	get it	
GP-13	21/02/2003	5 . 9 . 0	get it	

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, comments):

NP-14	11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
post NP-17 -	02/10/2002	5 . 0 . 1	get it	<i>remarks - this release:</i> .
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, comments):

GP-06	14/09/2001	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	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	

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

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ACTIVE specs Rel-5 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> GP-11	<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert
	<i>history (event, available, version, comments):</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 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i>	JORGENSEN, Per Johan
	<i>history (event, available, version, comments):</i>			
	NP-16	20/06/2002	5 . 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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i>	JORGENSEN, Per Johan
	<i>history (event, available, version, comments):</i>			
	NP-16	20/06/2002	5 . 0 . 0	get it <i>remarks - general:</i>
				<i>remarks - this release:</i> .

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	<i>current version:</i> 5.5.0	<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, comments):</i>			
	GP-08	19/02/2002	5 . 0 . 0	get it <i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-09	03/05/2002	5 . 1 . 0	get it <i>remarks - this release:</i> . (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

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

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ACTIVE specs Rel-5 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-14 04/01/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-15 19/03/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .	
<hr/>					
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-16 19/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 44.068	Group Call Control (GCC) Protocol				
Rel-5	<i>current version:</i> 5.0.1	<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, comments):</i>				
	NP-16 19/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
	post NP-16 edito 26/06/2002 5 . 0 . 1		get it	<i>remarks - this release:</i> . Correct faulty styles / clause numbering	
<hr/>					
TS 44.069	Broadcast Call Control (BCC) protocol				
Rel-5	<i>current version:</i> 5.0.0	<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, comments):</i>				
	NP-16 19/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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> .	

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ACTIVE specs Rel-5 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol lu mode				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> VIRTEJ, Iuliana	NOKIA Corporation	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
	GP-08 20/03/2002	1 . 1 . 0	GP-020289	get it	<i>remarks - general:</i>
	draft 26/03/2002	1 . 2 . 0		get it	<i>remarks - this release:</i> .
	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	

TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
	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	

TR 44.901	External network assisted cell change (NACC)				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BACKLUND, Ingemar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
	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	

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ACTIVE specs Rel-5 45 .- series
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Rel-5 **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-5 *current version:* 5.5.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	15/02/2001	5	.	0	.	0	get it <i>remarks - general:</i>
GP-06	01/10/2001	5	.	1	.	0	get it <i>remarks - this release:</i>
GP-07	04/01/2002	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-12	03/01/2003	5	.	5	.	0	get it

TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-5 *current version:* 5.8.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	15/02/2001	5	.	0	.	0	get it <i>remarks - general:</i>
edito	27/02/2001	5	.	0	.	1	get it <i>remarks - this release:</i>
GP-04	20/04/2001	5	.	1	.	0	get it
GP-06	01/10/2001	5	.	2	.	0	get it
GP-07	04/01/2002	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-12	03/01/2003	5	.	7	.	0	get it
GP-13	21/02/2003	5	.	8	.	0	get it

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ACTIVE specs Rel-5 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.003 Channel coding

Rel-5 *current version:* 5.6.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

history (event, available, version, comments):

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

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

TS 45.004 Modulation

Rel-5 *current version:* 5.1.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

history (event, available, version, comments):

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:* 5.7.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

USAI, Paolino

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

history (event, available, version, comments):

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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ACTIVE specs Rel-5 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008	Radio subsystem link control					
Rel-5	<i>current version:</i> 5.9.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer	VODAFONE Group Plc		
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-03 15/02/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-04 20/04/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	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-10 19/07/2002 5 . 7 . 0	get it				
	GP-11 19/09/2002 5 . 8 . 0	get it				
	GP-13 21/02/2003 5 . 9 . 0	get it				

TS 45.009	Link adaptation					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC: USAI, Paolino	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-03 06/02/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-06 01/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-07 04/01/2002 5 . 2 . 0	get it				
	GP-08 19/02/2002 5 . 3 . 0	get it				
	GP-09 06/05/2002 5 . 4 . 0	get it				
	GP-10 19/07/2002 5 . 5 . 0	get it				

TS 45.010	Radio subsystem synchronization					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> GP-10	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-11 19/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-13 21/02/2003 5 . 2 . 0	get it				

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ACTIVE specs Rel-5 45 .- series
Server location: 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, comments):
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, comments):
GP-10 19/07/2002 5 . 0 . 0
clean up 19/09/2002 5 . 0 . 1

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* 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, comments):
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab 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, comments):
SP-16 28/06/2002 5 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

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

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ACTIVE specs Rel-5 46 .- series
Server location: 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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</i> SP-16 28/06/2002 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .

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ACTIVE specs Rel-5 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.020	Half Rate Speech Transcoding					
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, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
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, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
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, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .

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ACTIVE specs Rel-5 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs Rel-5 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

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ACTIVE specs Rel-5 46 .- series
Server location: 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	G: yes U:		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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	G: yes U:		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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	G: yes U:		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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

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

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ACTIVE specs Rel-5 48 .- series
Server location: 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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> .		
<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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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> .		
<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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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> .		

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ACTIVE specs Rel-5 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-5 *current version:* 5.8.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09

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

history (event, available, version, comments):

GP-04	04/05/2001	5	.	0	.	0
GP-05	19/06/2001	5	.	1	.	0
GP-06	14/09/2001	5	.	2	.	0
GP-07	08/01/2002	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-11	16/09/2002	5	.	7	.	0
GP-12	18/12/2002	5	.	8	.	0

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

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

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TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11

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

history (event, available, version, comments):

GP-11	27/09/2002	5	.	0	.	0
edito	17/12/2002	5	.	0	.	1

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

[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 Peter MOTOROLA A/S
freeze_meeting: GP-09

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

history (event, available, version, comments):

GP-06	14/09/2001	5	.	0	.	0
GP-07	08/01/2002	5	.	1	.	0

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

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

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

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ACTIVE specs Rel-5 48 .- series
Server location: 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> 5.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</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							

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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</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							

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 Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov					
	<i>history (event, available, version, comments):</i>								
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

TS 48.051	Base Station Controller - Base Transceiver 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 Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-11	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov					
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.052 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 48.058 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification

Rel-5 *current version:* 5.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
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](#)

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

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ACTIVE specs Rel-5 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels
Rel-5 *current version:* 5.2.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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 *current version:* 5.0.0 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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> .
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TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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> .

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 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: NP-15 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	25/06/2002	5	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 access.

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ACTIVE specs Rel-5 49 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
freeze_meeting: NP-15
history (event, available, version, comments):
NP-16 19/06/2002 5 . 0 . 0
[get it](#) *remarks - general:*
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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 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-5 *current version:* 5.2.1 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-15 NP /
T2 /
SCP /
G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

replacement of 0 . 0 . 0
accidentally omitted
text
GP-11 20/09/2002 5 . 0 . 0
GP-12 20/12/2002 5 . 1 . 0
GP-13 21/02/2003 5 . 2 . 0
replacement of 28/02/2003 5 . 2 . 1
omitted text post
GP-13

remarks - general: 2001-11-19: G4->G5.
remarks - this release: .

[get it](#)

[get it](#)

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[get it](#)

TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: GP-11 NP /
T2 /
SCP /
G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

GP-11 19/09/2002 5 . 0 . 0
GP-12 20/12/2002 5 . 1 . 0
GP-13 21/02/2003 5 . 2 . 0

remarks - general: 2001-11-19: G4->G5.
remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

TS 51.013 Test specification for SIM API for Java card

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-15 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version, comments):

remarks - general:
remarks - this release: TP-16: WI is TP-020122.

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

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ACTIVE specs Rel-5 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-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, comments):
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, comments):
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, comments):
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:* none *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

Rel-4

Rel-4 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: *U:* yes *MCC:* POPE, Maurice*history (event, available, version, comments):*

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

get it	<i>remarks - general:</i>
get it	<i>remarks - this release:</i>
get it	
get it	
get it	
get it	
get it	
get it	
get it	
get it	

TS 21.111 USIM and IC card requirements

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11*WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* DIETZE, Claus*history (event, available, version, comments):*

TP-11	09/04/2001	4	.	0	.	0
TP-17	18/09/2002	4	.	1	.	0

get it	<i>remarks - general:</i>
get it	<i>remarks - this release:</i> 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, comments):*

SP-11	09/04/2001	4	.	0	.	0
SP-14	07/01/2002	4	.	1	.	0

get it	<i>remarks - general:</i>
get it	<i>remarks - this release:</i>

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

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ACTIVE specs Rel-4 21 .- series
Server location: 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, comments):

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, comments):

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:* 4.4.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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 access.

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ACTIVE specs Rel-4 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-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, comments):</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, comments):</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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.011	Service accessibility						
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLAIRE, Jean Paul	France Telecom			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-07 17/03/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-08 28/06/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	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	<i>current version:</i> 4.2.1	<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, comments):</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> 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	get it	History box				
<hr/>							
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-16 19/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>				
<hr/>							
TS 22.024	Description of Charge Advice Information (CAI)						
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, comments):</i>						
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
			<i>remarks - this release:</i>				

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

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ACTIVE specs Rel-4 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	TOIVANEN, Annukka	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-11 02/04/2001 4 . 0 . 0						<i>remarks - general:</i>	Transfer>TSG#4	
	SP-15 25/03/2002 4 . 1 . 0						<i>remarks - this release:</i>		
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
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	G: yes U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-18 06/01/2003 4 . 0 . 0						<i>remarks - general:</i>	SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5	
							<i>remarks - this release:</i>	Created from 42.031 Rel-4. -> 22.031.	
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
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-16	G: yes U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 24/06/2002 4 . 0 . 0						<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 42.032 Rel-4.	
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<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, comments):</i>								
	SP-11 02/04/2001 4 . 0 . 0						<i>remarks - general:</i>	Transfer>TSG#4	
	SP-16 04/07/2002 4 . 1 . 0						<i>remarks - this release:</i>		
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<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, comments):</i>								
	SP-09 18/10/2000 4 . 0 . 0						<i>remarks - general:</i>	Transfer>TSG#4	
	SP-10 08/01/2001 4 . 1 . 0						<i>remarks - this release:</i>		

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

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ACTIVE specs Rel-4 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.041	Operator Determined Call Barring								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</i>								
	SP-10 08/01/2001 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>		
<hr/>									
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</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 22.048	Security Mechanisms for the (U)SIM application toolkit; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd					
	<i>freeze_meeting:</i> TP-12	G: yes U: yes	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version, comments):</i>								
	TP-12 06/07/2001 4 . 0 . 0					get it	<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-4	<i>current version:</i> 4.0.1	<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, comments):</i>								
	draft 23/04/1999 0 . 0 . 0					get it	<i>remarks - general:</i> Transfer>TSG#4.		
	SP-03 23/04/1999 0 . 1 . 1					get it	<i>remarks - this release:</i>		
	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	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</i>								
	SP-09 18/10/2000 4 . 0 . 0					get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution		
	SP-15 25/03/2002 4 . 1 . 0					get it	<i>remarks - this release:</i> Environment (MExE); Stage 1".		

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

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ACTIVE specs Rel-4 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.4.0	<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, comments):</i>					
	SP-07 17/03/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-08 28/06/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-10 08/01/2001 4 . 2 . 0	get it				
	SP-15 25/03/2002 4 . 3 . 0	get it				
	SP-16 04/07/2002 4 . 4 . 0	get it				
<hr/>						
TS 22.066	Support of Mobile Number Portability (MNP); 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, comments):</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 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-10 08/01/2001 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 22.071	Location Services (LCS); Stage 1					
Rel-4	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-08 28/06/2000 4 . 0 . 0 based on 3.2.0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-09 18/10/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-10 08/01/2001 4 . 2 . 0	get it				
	SP-11 02/04/2001 4 . 3 . 0	get it				
	SP-15 25/03/2002 4 . 4 . 0	get it				
	edito post SP-15 04/04/2002 4 . 4 . 1	get it				

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

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ACTIVE specs Rel-4 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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, comments):</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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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

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ACTIVE specs Rel-4 22 .- series
Server location: 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:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.082	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:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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				
<hr/>						
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:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.084	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:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.085	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:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>			

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

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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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	

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

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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, comments):</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, comments):</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, comments):</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, comments):</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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ACTIVE specs Rel-4 22 .- series
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TS 22.101	Service aspects; Service principles					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	SP-08 28/06/2000 4 . 0 . 0			get it	<i>remarks - general:</i>	based on 3.9.0
	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 corrections 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		

TS 22.105	Services and service capabilities					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne			France Telecom
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele			TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke			FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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; Stage
	SP-11 02/04/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>	1". SP-16: converted from TS to TR.
	SP-16 19/07/2002 4 . 1 . 1			get it		Converted from TS to TR.

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ACTIVE specs Rel-4 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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, comments):

draft		0 . 1 . 0			<i>remarks - general:</i>
draft		0 . 2 . 0			<i>remarks - this release:</i>
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, comments):

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-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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 22 .- series
Server location: 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, comments):
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, comments):
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 access.

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ACTIVE specs Rel-4 23 .- series
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TS 23.002	Network architecture						
Rel-4	<i>current version:</i> 4.6.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version, comments):</i>						
	SP-09 18/10/2000	4 . 0 . 0					
	SP-10 21/12/2000	4 . 1 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4,CR at TSG#5		
	SP-11 06/04/2001	4 . 2 . 0	get it	<i>remarks - this release:</i>			
	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				
<hr/>							
TS 23.003	Numbering, Addressing and Identification						
Rel-4	<i>current version:</i> 4.5.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version, comments):</i>						
	NP-11 02/04/2001	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-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				
<hr/>							
TS 23.007	Restoration procedures						
Rel-4	<i>current version:</i> 4.1.1						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version, comments):</i>						
	NP-11 04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>			
corrects references	24/06/2002	4 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-16 21/06/2002	4 . 1 . 0	get it				
corrects references	24/09/2002	4 . 1 . 1	get it				

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ACTIVE specs Rel-4 23 .- series
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TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 28/03/2001 4 . 0 . 0
NP-12 27/06/2001 4 . 1 . 0
NP-16 21/06/2002 4 . 2 . 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:* 4.6.0
freeze_meeting: SP-11
history (event, available, version, comments):
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

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
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](#)

TS 23.011 Technical realization of Supplementary Services

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0
corrects references 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, comments):
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:

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ACTIVE specs Rel-4 23 .- series
Server location: 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, comments):
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, comments):
NP-11 02/04/2001 4 . 0 . 0
corrects references 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, comments):
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:* 4.6.0
freeze_meeting: SP-11
history (event, available, version, comments):
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

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](#)

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

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ACTIVE specs Rel-4 23 .- series
Server location: 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	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</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 & Rel-5	
				<i>remarks - this release:</i>	Created from 43.031 Rel-4. -> 23.031.	
<hr/>						
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	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
<i>history (event, available, version, comments):</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 to correct figures	10/01/2003 4 . 1 . 1	get it			
<hr/>						
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> CARRION RODRIGO, Inmaculada	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
<i>history (event, available, version, comments):</i>						
	NP-11 11/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
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	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</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 access.

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ACTIVE specs Rel-4 23 .- series
Server location: 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 Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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 Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* 4.7.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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](#)

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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](#)

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
TP-11 06/04/2001 4 . 0 . 0
include test vector 17/10/2001 4 . 0 . 1
file

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

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

TS 23.048 Security Mechanisms for the (U)SIM application toolkit; Stage 2

Rel-4 *current version:* 4.3.0
freeze_meeting: TP-12
history (event, available, version, comments):
TP-12 06/07/2001 4 . 0 . 0
TP-13 12/10/2001 4 . 1 . 0
TP-14 17/01/2002 4 . 2 . 0
TP-15 28/03/2002 4 . 3 . 0

WG (prime / other): T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
G: yes U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
SP-05 13/10/1999 0 . 0 . 0
SP-11 29/03/2001 4 . 0 . 0
edito 01/10/2001 4 . 0 . 1

WG (prime / other): S4 / S2 *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* No draft.
[get it](#) *remarks - this release:*
[get it](#)

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

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version, comments):
TP-10 22/12/2000 4 . 0 . 0
TP-11 11/04/2001 4 . 1 . 0
TP-12 05/07/2001 4 . 2 . 0
TP-13 05/10/2001 4 . 3 . 0
include fig 5 18/10/2001 4 . 3 . 1
TP-14 16/01/2002 4 . 4 . 0
TP-15 25/03/2002 4 . 5 . 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](#)

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

Rel-4 *current version:* 4.7.0 *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, comments):

SP-11	06/04/2001	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-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	

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, comments):

NP-11	04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
corrects references	24/06/2002	4 . 0 . 1	get it	<i>remarks - this release:</i>

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

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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 references	24/06/2002	4 . 1 . 1	get it	

TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11	04/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
corrects references	24/06/2002	4 . 0 . 1	get it	<i>remarks - this release:</i>

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 to cover page	14/11/2002	4 . 6 . 1	get it	minor correction, no need for SDO publication
NP-18	18/12/2002	4 . 7 . 0	get it	

TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
Chalmers

history (event, available, version, comments):

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	

TS 23.081 Line Identification supplementary services; Stage 2

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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>

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 04/04/2001 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-16 21/06/2002 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-09 26/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 30/03/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
inclusion of missed 24/04/2001 4 . 2 . 0 [get it](#)
CR
NP-14 10/01/2002 4 . 3 . 0 [get it](#)

TS 23.084 MultiParty (MPPTY) Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):</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, comments):</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, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<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, comments):</i>					
	NP-11 30/03/2001 4 . 0 . 0				get it	<i>remarks - general:</i>
	NP-17 17/09/2002 4 . 1 . 0				get it	<i>remarks - this release:</i>

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

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ACTIVE specs Rel-4 23 .- series
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TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); 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, comments):</i> NP-11 04/04/2001 4 . 0 . 0						
		get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 23.094	Follow Me 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, comments):</i> NP-11 04/04/2001 4 . 0 . 0						
		get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
			<i>remarks - this release:</i>				
<hr/>							
TS 23.096	Name Identification 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, comments):</i> NP-11 04/04/2001 4 . 0 . 0						
		get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
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> HEWSON, Ruth	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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, comments):</i> SP-11 11/04/2001 4 . 0 . 0						
		get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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			<i>G:</i> yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</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.			
<hr/>									
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			<i>G:</i> yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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			<i>G:</i> yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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				

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.119 Gateway Location Register (GLR); Stage2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 04/04/2001 4 . 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
remarks - this release:

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

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0
NP-12 05/07/2001 4 . 1 . 0
NP-17 17/09/2002 4 . 2 . 0
NP-18 18/12/2002 4 . 3 . 0

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

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

TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version, comments):
SP-09 06/11/2000 4 . 0 . 0
SP-11 06/04/2001 4 . 1 . 0
SP-12 29/06/2001 4 . 2 . 0
SP-15 05/04/2002 4 . 3 . 0

WG (prime / other): S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA
G: *U:* yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 23.135 Multicall supplementary service; Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-09 25/10/2000 4 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
G: *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 access.

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-09	06/10/2000	4	.	0	.	0
TP-10	21/12/2000	4	.	1	.	0
TP-11	29/03/2001	4	.	2	.	0
TP-12	03/07/2001	4	.	3	.	0
TP-13	05/10/2001	4	.	4	.	0
TP-14	11/01/2002	4	.	5	.	0
TP-15	21/03/2002	4	.	6	.	0
TP-16	25/06/2002	4	.	7	.	0
TP-17	23/09/2002	4	.	8	.	0

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

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, comments):

NP-06	17/12/1999	1	.	0	.	0
NP-07	17/03/2000	1	.	1	.	0
N3-10	25/05/2000	2	.	0	.	0
NP-08	23/06/2000	4	.	0	.	0
NP-09	12/10/2000	4	.	1	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available!"
[get it](#)
[get it](#)
[get it](#)

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.6.0 *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, comments):

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	argument in SA over r99 or r00] concl: not approved	get it	<i>remarks - this release:</i>	
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		

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

Rel-4 *current version:* 4.6.0 *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, comments):

NP-10	12/01/2001	1	.	0	.	1	N4-001104	get it	<i>remarks - general:</i>	2000-10: Rap change from Keutmann.
NP-11	30/03/2001	4	.	0	.	0		get it	<i>remarks - this release:</i>	
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		

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.221	Architectural requirements								
Rel-4	<i>current version:</i> 4.2.0		<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		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	draft 07/11/2000	0 . 0 . 5			get it	<i>remarks - general:</i>	Derived from R99-specific 23.121		
	SP-10 31/01/2001	1 . 0 . 0			get it	<i>remarks - this release:</i>			SP-000595
	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				
<hr/>									
TS 23.227	Application and user interaction in the UE; Principles and specific requirements								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> TOMÉ, Olga		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	draft 06/09/2000	0 . 1 . 0			get it	<i>remarks - general:</i>			
	TP-11 02/04/2001	4 . 0 . 0			get it	<i>remarks - this release:</i>			
	TP-14 11/01/2002	4 . 1 . 0			get it				
	TP-15 26/03/2002	4 . 2 . 0			get it				
<hr/>									
TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-4	<i>current version:</i> 4.8.0		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> KÅLL, Jan		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	draft 10/07/2000	0 . 1 . 0			get it	<i>remarks - general:</i>	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.		
	draft 14/09/2000	0 . 2 . 0			get it	<i>remarks - this release:</i>	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 27/02/2001	4 . 0 . 0			get it				SP-000596
	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				

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.821	Architecture Principles for Release 2000						
Rel-4	<i>current version:</i> 1.0.1	DRAFT	<i>WG (prime / other):</i> 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, comments):</i>						
	SP-08	28/06/2000	1 . 0 . 1	get it	<i>remarks - general:</i> New after TSG#5		
					<i>remarks - this release:</i>		
<hr/>							
TR 23.873	Feasibility study fro transport and control separation in the PS CN domain						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> IBANEZ, Juan-Antonio	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	draft	12/09/2000	0 . 2 . 0	get it	<i>remarks - general:</i>		
	draft	08/11/2000	0 . 3 . 0	get it	<i>remarks - this release:</i>		
	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			
<hr/>							
TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID						
Rel-4	<i>current version:</i> 1.3.0	DRAFT	<i>WG (prime / other):</i> 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, comments):</i>						
	SP-09		1 . 0 . 0		<i>remarks - general:</i>		
	draft	08/11/2000	1 . 2 . 0	get it	<i>remarks - this release:</i> .		
	draft	24/11/2000	1 . 3 . 0	get it			

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.907	Quality of Service (QoS) concept								
Rel-4	<i>current version:</i> 1.2.0	DRAFT	<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, comments):</i>								
	draft 15/11/1998 0 . 1 . 0			get it	<i>remarks - general:</i>				
	draft 15/01/1999 0 . 2 . 0			get it	<i>remarks - this release:</i> .				
	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 23.908	Technical report on Pre-Paging								
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	MCC: KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-11 04/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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	MCC: KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-11 04/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.910	Circuit switched data bearer services				
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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			
<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	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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>		
<hr/>					
TR 23.925	UMTS Core network based ATM transport				
Rel-4	<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-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>	Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.	
			<i>remarks - this release:</i>		

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.930 Iu Principles
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
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:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 06/04/2001 4 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
Skov
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

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

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0
NP-14 04/01/2002 4 . 1 . 0
NP-16 24/06/2002 4 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

[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 access.

3GPP specification status

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ACTIVE specs Rel-4 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-4 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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 be
NP-10	03/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	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		

TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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		

TS 24.011 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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, restore missing figure	28/06/2002	4 . 1 . 1	get it		

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

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ACTIVE specs Rel-4 24 .- series
Server location: 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> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</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 Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".	
						<i>remarks - this release:</i>	
<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	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-11 04/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i>	
	corrects references 24/06/2002 4 . 0 . 1				get it	<i>remarks - this release:</i>	

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

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ACTIVE specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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, comments):</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				
<hr/>						
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, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	corrects references 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
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, comments):</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 24.083	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, comments):</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 24.084	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, comments):</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>			

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

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ACTIVE specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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, comments):</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, comments):</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, comments):</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, comments):</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 box 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, comments):</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>			

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

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ACTIVE specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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 24.096 Name Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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 24.135 Multicall supplementary service; Stage 3

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-11 *G: U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-14 10/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
correct references 25/06/2002 4 . 1 . 1 [get it](#)

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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-4 *current version:* 4.7.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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

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

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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](#)
[get it](#)

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version, comments):

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-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-000596

WG (prime / other): R4 / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new One
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 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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](#)

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

Rel-4 *current version:* 4.7.0 *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, comments):

RP-11	10/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
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	

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

Rel-4 *current version:* 4.7.0 *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, comments):

RP-11	10/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
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	

TS 25.141 Base station conformance testing (FDD)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11	10/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	03/10/2001	4 . 2 . 0	get it	
RP-14	16/01/2002	4 . 3 . 0	get it	
RP-15	02/04/2002	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	

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

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base station conformance testing (TDD)

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

WG (prime / other): R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG

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

history (event, available, version, comments):

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.143 UTRA repeater; Conformance testing

Rel-4 *current version:* 4.6.0

freeze_meeting: RP-11

WG (prime / other): R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - Mikrotechnik zur Kommunikation

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

history (event, available, version, comments):

Start of work	01/08/2000	0	.	0	.	0
RP-09	12/10/2000	0	.	0	.	2
RP-10	21/12/2000	1	.	0	.	0
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-15	19/03/2002	4	.	3	.	0
RP-16	03/07/2002	4	.	4	.	0
RP-17	02/10/2002	4	.	5	.	0
RP-18	10/01/2003	4	.	6	.	0

RP-000671

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

[get it](#) *remarks - this release:* Was to have been 25.107. But never was.

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

[get it](#)

TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation

G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

RP-11	05/04/2001	4	.	0	.	0
RP-14	09/01/2002	4	.	1	.	0
RP-15	29/03/2002	4	.	2	.	0
RP-16	28/06/2002	4	.	3	.	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 access.

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	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				

TS 25.212	Multiplexing and channel coding (FDD)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	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				

TS 25.213	Spreading and modulation (FDD)					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-14 09/01/2002 4 . 2 . 0	get it				
	RP-16 28/06/2002 4 . 3 . 0	get it				

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

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation

G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

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

TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation

G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

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

WG (prime / other): R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.

G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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

TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

history (event, available, version, comments):

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](#)

TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version, comments):
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

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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TS 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-11 27/03/2001 4 . 0 . 0
RP-12 19/06/2001 4 . 1 . 0
RP-14 04/01/2002 4 . 2 . 0
RP-16 17/06/2002 4 . 3 . 0
RP-17 18/09/2002 4 . 4 . 0

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

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

TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version, comments):
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
RP-18 20/12/2002 4 . 7 . 0

WG (prime / other): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
[get it](#) *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 access.

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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, comments):
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](#)

TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 27/06/2001 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-18 08/01/2003 4 . 6 . 0 [get it](#)

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* Created from 25.923
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-14 04/01/2002 4 . 2 . 0 [get it](#)
RP-15 19/03/2002 4 . 3 . 0 [get it](#)

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

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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-18	08/01/2003	4	.	6	.	0

[get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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, comments):

RP-13	02/10/2001	4	.	0	.	0
RP-14	04/01/2002	4	.	1	.	0

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

requirements.

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* NEMETHOVA, Olivia SIEMENS AG
freeze_meeting: RP-11 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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
RP-18	08/01/2003	4	.	7	.	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 access.

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION

G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-11 27/03/2001 4 . 0 . 0
RP-12 19/06/2001 4 . 1 . 0
RP-13 03/10/2001 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 19/09/2002 4 . 6 . 0
RP-18 10/01/2003 4 . 7 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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[get it](#)
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TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* HANS, Martin SIEMENS AG

G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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

[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:* 4.2.0

freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH

G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-11 27/03/2001 4 . 0 . 0
RP-16 17/06/2002 4 . 1 . 0
RP-18 13/01/2003 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 access.

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version, comments):

	RP-11	06/04/2001	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	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	Do not use this version: contains wrong ASN.1	get it	
Misimplemented	RP-17 CR	23/09/2002	4 . 7 . 0	v4.6.0 omitted ASN.1 in error	get it	
	RP-18	03/02/2003	4 . 8 . 0		get it	

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

TS 25.401 UTRAN overall description

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version, comments):

	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-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	

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

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

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ACTIVE specs Rel-4 25 .- series
Server location: 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	G:	U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</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	G:	U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</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	G:	U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</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	G:	U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.413 UTRAN Iu interface RANAP signalling

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* JUSSILA, Jyrki NOKIA Corporation

G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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 14/01/2002 4 . 3 . 0
RP-15 02/04/2002 4 . 4 . 0
RP-16 05/07/2002 4 . 5 . 0
RP-17 03/10/2002 4 . 6 . 0
RP-18 03/01/2003 4 . 7 . 0

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

TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* COMSTOCK, David Telefon AB LM Ericsson

G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-11 06/04/2001 4 . 0 . 0
RP-13 12/10/2001 4 . 1 . 0
RP-14 14/01/2002 4 . 2 . 0
RP-15 02/04/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0
RP-18 03/01/2003 4 . 5 . 0

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

TS 25.415 UTRAN Iu interface user plane protocols

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* MAUPIN, Alain Telefon AB LM Ericsson

G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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 14/01/2002 4 . 3 . 0
RP-15 25/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0
RP-17 30/09/2002 4 . 6 . 0
RP-18 03/01/2003 4 . 7 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	TAYLOR, Carolyn	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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-15 25/03/2002 4 . 4 . 0			get it		
	RP-16 28/06/2002 4 . 5 . 0			get it		
	correct vers no. 06/08/2002 4 . 5 . 1			get it		
	shown on doc					
	RP-17 03/10/2002 4 . 6 . 0			get it		
<hr/>						
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	THAKARE, Kiran	RadioScape Limited
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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		
<hr/>						
TS 25.421	UTRAN Iur interface Layer 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	BRANDT, Achim V.	SIEMENS AG
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 25.422	UTRAN Iur interface signalling transport					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	THAKARE, Kiran	RadioScape Limited
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version, comments):</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>	
	edito post RP-14 02/04/2002 4 . 1 . 1			get it		
	RP-17 03/10/2002 4 . 2 . 0			get it		
<hr/>						

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.423 UTRAN Iur interface RNSAP signalling

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* RUNE, Göran Ericsson AB

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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

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

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TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-11	06/04/2001	4	.	0	.	0
RP-14	11/01/2002	4	.	1	.	0
RP-15	02/04/2002	4	.	2	.	0
RP-16	28/06/2002	4	.	3	.	0

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

[get it](#)

[get it](#)

TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-11	06/04/2001	4	.	0	.	0
RP-13	12/10/2001	4	.	1	.	0
RP-14	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0

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

[get it](#)

[get it](#)

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

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ACTIVE specs Rel-4 25 .- series
Server location: 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					
Rel-4	current version: 4.4.0	WG (prime / other): R3 / -	rapporteur: KEKKI, Sami	NOKIA Corporation		
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):					
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-14 11/01/2002 4 . 1 . 0	get it	remarks - this release:			
	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 Iur and Iub interface user plane protocols for DCH data streams					
Rel-4	current version: 4.4.0	WG (prime / other): R3 / -	rapporteur: LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND		
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):					
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			
	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				

TS 25.430	UTRAN Iub Interface: General Aspects and Principles					
Rel-4	current version: 4.4.0	WG (prime / other): R3 / -	rapporteur: WILSON, Mick	FUJITSU Laboratories of Europe Limited		
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):					
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			
	RP-14 11/01/2002 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 25.431	UTRAN Iub interface Layer 1					
Rel-4	current version: 4.0.0	WG (prime / other): R3 / -	rapporteur: BRANDT, Achim V.	SIEMENS AG		
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):					
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
			remarks - this release:			

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.432 UTRAN Iub interface: signalling transport

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited
G: *U:* yes *MCC:* KRAUSE, Joern

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

TS 25.433 UTRAN Iub interface NBAP signalling

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-11 06/04/2001 4 . 0 . 0
RP-12 06/07/2001 4 . 1 . 0
RP-13 12/10/2001 4 . 2 . 0
edito 23/10/2001 4 . 2 . 1
RP-14 11/01/2002 4 . 3 . 0
RP-15 04/04/2002 4 . 4 . 0
RP-16 19/07/2002 4 . 5 . 0
RP-17 11/10/2002 4 . 6 . 0
RP-18 03/01/2003 4 . 7 . 0

WG (prime / other): R3 / - *rapporteur:* ISHIKAWA, Nobutaka NTT DoCoMo Inc
G: *U:* yes *MCC:* KRAUSE, Joern

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

TS 25.434 UTRAN Iub interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version, comments):
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-15 02/04/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0

WG (prime / other): R3 / - *rapporteur:* ALDEN, Magnus TeliaSonera AB
G: *U:* yes *MCC:* KRAUSE, Joern

[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 access.

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.435	UTRAN lub interface user plane protocols for CCH data streams						
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</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-15 02/04/2002 4 . 4 . 0	get it					
	RP-17 03/10/2002 4 . 5 . 0	get it					

TS 25.442	UTRAN implementation-specific O&M transport						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>						
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

TR 25.832	Manifestations of Handover and SRNS relocation						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>						
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				

TR 25.834	UTRA TDD low chip rate option; Radio protocol aspects						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LIU, YanHui	CATT			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>						
	Start of work 01/07/2000 0 . 0 . 0	get it	<i>remarks - general:</i>				
	draft 15/07/2000 0 . 0 . 1	get it	<i>remarks - this release:</i> 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					

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.841	DSCH power control improvement in soft handover								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>								
	RP-09 28/09/2000	1 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-10 12/01/2001	4 . 0 . 0			get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-11 04/04/2001	4 . 1 . 0			get it				
<hr/>									
TR 25.842	Smart antenna		DRAFT						
Rel-4	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling	CATT			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>								
	RP-09 12/01/2001	1 . 0 . 0			get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .RP-15: Not to be promoted to Rel-5.			
<hr/>									
TR 25.843	1,28 Mcps TDD UE Radio Access Capabilities								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> ZHU, Yifei	CATT			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-10 20/12/2000	4 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-11 27/03/2001	4 . 1 . 0			get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
<hr/>									
TR 25.844	Radio acces bearer support enhancements								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KRISHNARAJAH,	Ericsson AB			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	Ainkaran				
	<i>history (event, available, version, comments):</i>				<i>MCC:</i> ARZELIER, Claude				
	RP-10 20/12/2000	1 . 0 . 0	RP-000560		get it	<i>remarks - general:</i>			
	RP-11 27/03/2001	4 . 0 . 0			get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-13 02/10/2001	4 . 1 . 0			get it				
	RP-16 17/06/2002	4 . 2 . 0			get it				
	RP-17 18/09/2002	4 . 3 . 0			get it				

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.847 UE positioning enhancements

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
draft 10/11/2000 0 . 1 . 0
RP-10 20/12/2000 1 . 0 . 0
RP-11 27/03/2001 4 . 0 . 0

WG (prime / other): R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG
G: *U:* yes *MCC:* ARZELIER, Claude

[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
history (event, available, version, comments):
RP-11 05/04/2001 4 . 0 . 0

WG (prime / other): R1 / *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
remarks - this release: RP-15: Not to be promoted to Rel-5.

TR 25.849 DSCH power control improvement in soft handover

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* WOONHEE, Hwang NOKIA Corporation
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
remarks - this release: RP-15: No upgrade to Rel-5.

TR 25.850 UE positioning in UTRAN lub/lur protocol aspects

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-10 21/12/2000 0 . 0 . 2 RP-000658
draft 21/12/2000 0 . 1 . 0
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

WG (prime / other): R3 / - *rapporteur:* HAUTALA, Jari NOKIA Corporation
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](#)
[get it](#)

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.851	RAB Quality of Service (QoS) Renegotiation over lu					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> IRWIN, Sania	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-10 21/12/2000 0 . 0 . 2	RP-000660	get it	<i>remarks - general:</i>		
	RP-11 06/04/2001 4 . 0 . 0		get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>						
TR 25.852	Radio access bearer support enhancements for the lu					
Rel-4	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> DIESEN, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 0 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>						
TR 25.853	Delay budget within the access stratum					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> RP-11		G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.		
				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>						
TR 25.921	Guidelines and principles for protocol description and error handling					
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	RP-11 27/03/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
	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-18 13/01/2003 4 . 5 . 0		get it			

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.922 Radio Resource Management Strategies

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

history (event, available, version, comments):

RP-11 27/03/2001 4 . 0 . 0

RP-13 02/10/2001 4 . 1 . 0

RP-15 19/03/2002 4 . 2 . 0

WG (prime / other): R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.

G: *U:* yes *MCC:* ARZELIER, Claude

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

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

[get it](#)

TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer

Rel-4 *current version:* 4.0.1

freeze_meeting: SP-11

history (event, available, version, comments):

RP-07 0 . 0 . 2 RP-000091

RP-07 15/03/2000 0 . 0 . 3 RP-000158

RP-08 0 . 2 . 0

RP-08 23/06/2000 1 . 0 . 0

RP-09 11/01/2001 1 . 1 . 0

RP-11 06/04/2001 4 . 0 . 0

edito 10/04/2001 4 . 0 . 1

WG (prime / other): R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation

G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:* Created R1#10, Jan 99.

[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-07

history (event, available, version, comments):

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](#)

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

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.934 AAL2 QoS optimization

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

history (event, available, version, comments):

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](#)

[get it](#)

TR 25.935 RRM optimisation

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version, comments):

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, Gert-Jan ERICSSON EUROLAB NETHERLANDS BV

G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#)

remarks - general:

[get it](#)

remarks - this release: RP-15: No upgrade to Rel-5.

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[get it](#)

[get it](#)

[get it](#)

[get it](#)

TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1

freeze_meeting: SP-11

history (event, available, version, comments):

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						

WG (prime / other): R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)

G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#)

remarks - general:

[get it](#)

remarks - this release: RP-15: Not to be promoted to Rel-5.

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.937 UTRAN TDD low chiprate
Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version, comments):

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	

WG (*prime / other*): R3 / - *rapporteur:* XU, Bing HuaWei Technologies 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](#)
[get it](#)

TR 25.942 RF system scenarios
Rel-4 *current version:* 4.2.0
freeze_meeting: SP-12
history (event, available, version, comments):

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	

WG (*prime / other*): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.
[get it](#) *remarks - this release:*
[get it](#)

TR 25.943 Deployment aspects
Rel-4 *current version:* 4.2.0
freeze_meeting: RP-12
history (event, available, version, comments):

R4-09		0 . 0 . 1	
R4-11		0 . 1 . 0	
RP-08	23/06/2000	2 . 0 . 0	
RP-12		2 . 1 . 0	RP-010437
RP-12	29/06/2001	4 . 0 . 0	
RP-14	16/01/2002	4 . 1 . 0	
RP-16	03/07/2002	4 . 2 . 0	

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

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

TR 25.944 Channel coding and multiplexing examples
Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version, comments):

RP-11	06/04/2001	4 . 0 . 0	
edito	10/04/2001	4 . 0 . 1	
RP-12	28/06/2001	4 . 1 . 0	

WG (*prime / other*): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: U: yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:* Created Jan 2000 (aka R1.04)
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.954 Migration to modification procedure

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki J-Phone Co., Ltd.
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
remarks - this release: RP-15: No upgrade to Rel-5.

TR 25.956 UTRA repeater: Planning guidelines and system analysis

Rel-4 *current version:* 4.0.0
freeze_meeting: RP-11
history (event, available, version, comments):
RP-11 10/04/2001 4 . 0 . 0

WG (prime / other): R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

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
freeze_meeting: SP-11
history (event, available, version, comments):
RP-18 13/01/2003 4 . 0 . 0

WG (prime / other): R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

[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
freeze_meeting: SP-11
history (event, available, version, comments):
SP-11 10/04/2001 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

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

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

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.073	AMR speech Codec; C-source code					
Rel-4	<i>current version:</i> 4.1.0	<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, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i>
	SP-14 09/01/2002 4 . 1 . 0				get it	<i>remarks - this release:</i>
<hr/>						
TS 26.074	AMR speech Codec; Test sequences					
Rel-4	<i>current version:</i> 4.0.1	<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, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4
	corected tests 04/07/2001 4 . 0 . 1				get it	<i>remarks - this release:</i>
<hr/>						
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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4
						<i>remarks - this release:</i>

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

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):</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, comments):</i> SP-10 21/12/2000 4 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>
<hr/>						
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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-12 27/06/2001 4 . 1 . 0 SP-15 28/03/2002 4 . 2 . 0				get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 26.102	AMR speech Codec; Interface to Iu and Uu					
Rel-4	<i>current version:</i> 4.0.0	<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, comments):</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>

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

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):</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				
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				
<hr/>						
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, comments):</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>			
<hr/>						
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, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#5			
			<i>remarks - this release:</i>			

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

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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 Lab S.p.A.
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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.			
<hr/>						
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	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				

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

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.234 Transparent end-to-end transparent streaming service; Protocols and codecs

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

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 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* OHANA, Alain Cingular Wireless LLC
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

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 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* HAAVISTO, Petri Nokia Research Center
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

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>

TR 26.912 Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

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

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):
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 Lab S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
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:* 4.8.0 *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, comments):
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](#)

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

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ACTIVE specs Rel-4 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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, comments):
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, comments):
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 Teleca Limited
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* 4.5.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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](#)

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

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ACTIVE specs Rel-4 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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, comments):</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					
<hr/>									
TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services								
Rel-4	<i>current version:</i> 4.2.0	<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, comments):</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					
<hr/>									
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, comments):</i>								
	TP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
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, comments):</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>				
<hr/>									
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, comments):</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.			

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ACTIVE specs Rel-4 27 .- series
Server location: 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, comments):

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

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ACTIVE specs Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

Rel-4 *current version:* 4.10.0

freeze_meeting: SP-11

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

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

history (event, available, version, comments):

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

[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 Network

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG

G: yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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)	4.5.0WG (prime / other):	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, comments):</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				

TS 29.011	Signalling Interworking for Supplementary Services								
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, comments):</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 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	<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, comments):</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>			

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	<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		<i>MCC:</i>	JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</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>			

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

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ACTIVE specs Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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		
<hr/>					
TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-4	<i>current version:</i> 4.6.0	<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, comments):</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		
<hr/>					
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> 4.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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 Public	
	NP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> 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		

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

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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> 4.7.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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			

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</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			

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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 access.

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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:* 4.3.1 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
edito	20/03/2002	4 . 3 . 1	get it	

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	

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

Rel-4 *current version:* 4.6.0 *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, comments):

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-16	05/07/2002	4 . 5 . 0	get it	
NP-17	01/10/2002	4 . 6 . 0	get it	

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

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TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-4 *current version:* 4.5.0 *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, comments):

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	

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ZOICAS, Adrian
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* TWEEDIE, David NORTEL NETWORKS (EUROPE)
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	

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

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	

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

Rel-4 *current version:* 4.5.0 *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, comments):

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	

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

Rel-4 *current version:* 4.3.0 *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, comments):

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	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	

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

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

Rel-4 *current version:* 4.3.0 *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, comments):

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	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	

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, comments):

NP-11	02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
edito	09/05/2001	4 . 0 . 1	get it	<i>remarks - this release:</i>
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	

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, comments):

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	

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

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-11

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

history (event, available, version, comments):

NP-10	12/01/2001	1	.	0	.	0	NP-000652
NP-11	30/03/2001	4	.	0	.	0	
NP-12	04/07/2001	4	.	1	.	0	
NP-13	05/10/2001	4	.	2	.	0	
NP-14	11/01/2002	4	.	3	.	0	
NP-15	28/03/2002	4	.	4	.	0	
NP-16	21/06/2002	4	.	5	.	0	
NP-17	18/09/2002	4	.	6	.	0	
NP-18	07/01/2003	4	.	7	.	0	

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

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TS 29.414 Core network Nb data transport and transport signalling

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: SP-11

G: *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-11	06/04/2001	4	.	0	.	0	
NP-12	28/06/2001	4	.	1	.	0	
NP-13	03/10/2001	4	.	2	.	0	
NP-14	11/01/2002	4	.	3	.	0	
NP-15	20/03/2002	4	.	4	.	0	

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

[get it](#)

[get it](#)

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[get it](#)

TS 29.415 Core network Nb interface user plane protocols

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N3 / - *rapporteur:* SANDERS, David VODAFONE Group Plc
freeze_meeting: SP-11

G: *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-11	06/04/2001	4	.	0	.	0	
NP-13	03/10/2001	4	.	1	.	0	
NP-14	11/01/2002	4	.	2	.	0	

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

[get it](#)

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

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TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	RP / -	<i>rapporteur:</i>	COURAU, François	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N1 / RP	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	Skov	JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>								
	NP-16 26/06/2002 4 . 0 . 0			get it					<i>remarks - general:</i> 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
	edito post NP-18 16/12/2002 4 . 0 . 1			get it					<i>remarks - this release:</i> . latest Release version.
									to TR.
<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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	N5 /	<i>rapporteur:</i>	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	NP-11 02/04/2001 4 . 0 . 0			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 1: API to CAP Mapping								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	N5 /	<i>rapporteur:</i>	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.			
	<i>freeze_meeting:</i> NP-11	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	NP-11 02/04/2001 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-13 05/10/2001 4 . 2 . 0			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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	N5 /	<i>rapporteur:</i>	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.			
	<i>freeze_meeting:</i> NP-11	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	NP-11 02/04/2001 4 . 0 . 0			get it					<i>remarks - general:</i>
									<i>remarks - this release:</i>

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

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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, comments):
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, comments):
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, comments):
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

TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* 4.0.1 *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, comments):
NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TR no. corrected 02/02/2001 4 . 0 . 1 [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.

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

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ACTIVE specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.504	Work Plan and Study Items - RAN WG4						
Rel-4	<i>current version:</i> 2.2.0	DRAFT	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> IWASA, Masaaki	MOTOROLA JAPAN LTD		
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>						
	RP-03	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i>		
	draft	21/12/2000	0 . 8 . 6	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.		
	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			

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	<i>current version:</i> none		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie	GEMPLUS Card International		
	<i>freeze_meeting:</i> TP-21		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>						
					<i>remarks - general:</i> Test spec for 23.048.		
					<i>remarks - this release:</i>		

TS 31.101	UICC-terminal interface; Physical and logical characteristics						
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> T3 / SCP	<i>rapporteur:</i> VESTERGAARD, Peter	NOKIA UK Ltd		
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>						
	TP-11	09/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Contents is a reference to ETSI TR 102 221.		
	TP-18	02/01/2003	4 . 1 . 0	get it	<i>remarks - this release:</i>		

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

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ACTIVE specs Rel-4 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM Application

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version, comments):

TP-11	09/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
TP-12	23/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
TP-13	11/10/2001	4 . 2 . 0	get it	
TP-14	17/01/2002	4 . 3 . 0	get it	
TP-15	28/03/2002	4 . 4 . 0	get it	
TP-16	28/06/2002	4 . 5 . 0	get it	
TP-17	25/09/2002	4 . 6 . 0	get it	
TP-18	02/01/2003	4 . 7 . 0	get it	

WG (*prime / other*): T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH
G: U: yes *MCC:* DIETZE, Claus

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, comments):

TP-11	16/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: decision to scrap in favour of an ETSI SCP deliverable only
TP-14	16/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i> Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

WG (*prime / other*): T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A
G: U: yes *MCC:* DIETZE, Claus

TS 31.111 USIM Application Toolkit (USAT)

Rel-4 *current version:* 4.9.0
freeze_meeting: SP-11
history (event, available, version, comments):

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	

WG (*prime / other*): T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new One
G: yes U: yes *MCC:* DIETZE, Claus

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

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ACTIVE specs Rel-4 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):

remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP
remarks - this release: Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.

TS 31.121 UICC-terminal interface; USIM application test specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):

TP-12 06/07/2001 4 . 0 . 0
TP-16 19/06/2002 4 . 1 . 0
TP-17 18/09/2002 4 . 2 . 0
TP-18 02/01/2003 4 . 3 . 0

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 31.122 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, comments):

remarks - general: based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split
remarks - this release: into two parts

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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

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ACTIVE specs 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, comments):
SP-11 28/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 11/04/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-12 03/07/2001 4 . 1 . 0 [get it](#)
SP-13 05/10/2001 4 . 2 . 0 [get it](#)
edito 26/03/2002 4 . 2 . 1 [get it](#)

TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-11 28/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 03/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 05/10/2001 4 . 2 . 0 [get it](#)

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 Inc.
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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: Information Service

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	04/07/2001	4	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-13	05/10/2001	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-17	20/09/2002	4	.	4	.	0	get it
SP-18	09/01/2003	4	.	5	.	0	get it

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set

Rel-4 *current version:* 4.4.0 *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, comments):

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

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / *rapporteur:* AHLBÄCK, Hans Telefon AB LM Ericsson

freeze_meeting: SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain				
Rel-4	current version: 4.3.0	WG (prime / other): S5 /	rapporteur: BENDER, James	Nortel Networks (USA)	
	freeze_meeting: SP-11	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-11	29/03/2001	1 . 0 . 0	get it	remarks - general:
	SP-12	18/06/2001	1 . 1 . 1	get it	remarks - this release:
	SP-13	26/09/2001	2 . 0 . 0	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	

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: LEHNERT, Matthias	ALCATEL S.A.	
	freeze_meeting: SP-11	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12	18/06/2001	1 . 0 . 1	get it	remarks - general:
	SP-13	01/10/2001	2 . 0 . 0	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: 4.4.0	WG (prime / other): S5 /	rapporteur: GOERMER, Gerald	SIEMENS AG	
	freeze_meeting: SP-11	G: U: yes	MCC: ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12	18/06/2001	1 . 0 . 1	get it	remarks - general:
	SP-13	01/10/2001	2 . 0 . 0	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	

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-12 18/06/2001 2 . 0 . 0			SP-010283	get it	<i>remarks - general:</i> Replaces 32.106-8 (pars)
	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	
	edito post SP-18 13/01/2003 4 . 1 . 1				get it	

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 Inc.		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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	

TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service					
Rel-4	<i>current version:</i> 4.1.1	<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, comments):</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	

TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set					
Rel-4	<i>current version:</i> 4.3.2	<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, comments):</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	

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set				
Rel-4	<i>current version:</i> 4.2.1	<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, comments):</i>					
	SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-4
	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-15	26/03/2002	4 . 2 . 0	get it	
	edito post SP-18	13/01/2003	4 . 2 . 1	get it	
<hr/>					
TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements				
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-1
	SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
	edito	12/07/2001	4 . 0 . 1	get it	
	edito post SP-18	13/01/2003	4 . 0 . 2	get it	
<hr/>					
TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service				
Rel-4	<i>current version:</i> 4.0.1	<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, comments):</i>					
	SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-2
	SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .
	edito post SP-18	13/01/2003	4 . 0 . 1	get it	
<hr/>					
TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-13	<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12	20/06/2001	1 . 0 . 0	get it	<i>remarks - general:</i> was 32.104 (pars)
	edito	27/06/2001	1 . 0 . 1	get it	<i>remarks - this release:</i> .
	SP-13	11/10/2001	2 . 0 . 0	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	

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM			
Rel-4	<i>current version:</i> 4.2.1	<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, comments):</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		

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> WILBER, John	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 CM Integration Reference Point (IRP): requirements			MOTOROLA Ltd
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 Configuration Management Integration Reference Point (IRP) information service			
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 access.

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TS 32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set				
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-3		
	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 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	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-4		
	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-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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-1		
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .		

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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 set				
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> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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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:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.602-5
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-15	27/03/2002	4	.	2	.	0	get it

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, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-1
SP-12	03/07/2001	4	.	0	.	0	get it <i>remarks - this release:</i> .

TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-2
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-15	27/03/2002	4	.	2	.	0	get it
SP-16	28/06/2002	4	.	3	.	0	get it

TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-3
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-14	11/01/2002	4	.	2	.	0	get it

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set			
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: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</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:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</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:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</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

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set			
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</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

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
edito post SP-17 18/09/2002 4 . 1 . 1 [get it](#)

TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-2
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-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](#)

TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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](#)

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, comments):
draft 31/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 17/01/2001 0 . 0 . 3 NP-010239 (!) [get it](#) *remarks - this release:* .
SP-12 18/06/2001 1 . 0 . 0 SP-010233 (for approval!) [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

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, comments):
SP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 03/10/2001 4 . 2 . 0 [get it](#)
SP-14 07/01/2002 4 . 3 . 0 [get it](#)
SP-16 19/06/2002 4 . 4 . 0 [get it](#)
SP-18 18/12/2002 4 . 5 . 0 [get it](#)

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

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.103	3G security; Integration guidelines					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	BLANCHARD, Colin	BT Group Plc
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-11 11/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-12 04/07/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.
	SP-13 03/10/2001 4 . 2 . 0			get it		
<hr/>						
TS 33.105	Cryptographic Algorithm requirements					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-11 11/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-12 04/07/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.
<hr/>						
TS 33.106	Lawful interception requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-11 04/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-11 04/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-13 03/10/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>	
	SP-14 07/01/2002 4 . 2 . 0			get it		
	SP-15 26/03/2002 4 . 3 . 0			get it		
<hr/>						
TS 33.120	Security Objectives and Principles					
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-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.

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

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3			
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	draft 26/06/2001	1 . 0 . 1	get it	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.		
	SA-12	2 . 0 . 0		<i>remarks - this release:</i>			
	SP-12 04/07/2001	4 . 0 . 0	get it				
	SP-13 03/10/2001	4 . 1 . 0	get it				
	SP-14 07/01/2002	4 . 2 . 0	get it				
	SP-15 26/03/2002	4 . 3 . 0	get it				
	SP-010322, ed notes in SP-010347						
TR 33.901	Criteria for cryptographic Algorithm design process						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</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.		
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, comments):</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.		
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, comments):</i>						
				<i>remarks - general:</i>			
				<i>remarks - this release:</i>	.		
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, comments):</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.		

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

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-11 04/04/2001 4 . 0 . 0
correct misprint in 23/07/2001 4 . 0 . 1
spec number

[get it](#) *remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
[get it](#) *remarks - this release:* SP-15: Not to be promoted to Rel-5.

Rel-4 **34** .- series Server location: 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:* 4.5.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman Anite Telecoms Ltd.
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

TP-13 08/10/2001 4 . 0 . 0
TP-14 09/01/2002 4 . 1 . 0
TP-15 20/03/2002 4 . 2 . 0
edito post TP-15 26/03/2002 4 . 2 . 1
TP-16 17/06/2002 4 . 3 . 0
TP-17 11/09/2002 4 . 4 . 0
TP-18 18/12/2002 4 . 5 . 0

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

TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-11 27/03/2001 4 . 0 . 0
RP-12 19/06/2001 4 . 1 . 0
RP-15 19/03/2002 4 . 2 . 0
RP-16 17/06/2002 4 . 3 . 0
RP-18 13/01/2003 4 . 4 . 0

[get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9:
[get it](#) *remarks - this release:* Stable, so txfered from T1 to R2.
[get it](#)
[get it](#)
[get it](#)

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

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ACTIVE specs Rel-4 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-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version, comments):

remarks - general:
remarks - this release:

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

Rel-4 *current version:* 4.6.0 *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, comments):

TP-12 03/07/2001 4 . 0 . 0
TP-13 03/10/2001 4 . 1 . 0
TP-14 09/01/2002 4 . 2 . 0
TP-15 21/03/2002 4 . 3 . 0
TP-16 17/06/2002 4 . 4 . 0
TP-17 05/09/2002 4 . 5 . 0
TP-18 18/12/2002 4 . 6 . 0

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

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, comments):

TP-13 03/10/2001 4 . 0 . 0
TP-14 09/01/2002 4 . 1 . 0
TP-15 20/03/2002 4 . 2 . 0
TP-16 19/06/2002 4 . 3 . 0

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

TP-13 04/10/2001 4 . 0 . 0
TP-14 09/01/2002 4 . 1 . 0
TP-15 21/03/2002 4 . 2 . 0
TP-16 19/06/2002 4 . 3 . 0

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

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

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ACTIVE specs Rel-4 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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, comments):

remarks - general:
remarks - this release:

TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11 10/04/2001 4 . 0 . 0
RP-18 10/01/2003 4 . 1 . 0

[get it](#) *remarks - general:* T1->R4@TSG#10
[get it](#) *remarks - this release:*

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, comments):

TP-05 13/10/1999 0 . 0 . 1
TP-10 09/01/2001 1 . 0 . 0

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

TP-09 06/10/2000 1 . 0 . 0
RP-10 09/01/2001 4 . 0 . 0

[get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
[get it](#) *remarks - this release:*

Rel-4 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 access.

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ACTIVE specs 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	<i>current version:</i> 4.1.0	<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, comments):</i>					
	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:
<hr/>						
TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification					
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, comments):</i>					
	SP-11 28/08/2001 4 . 0 . 0				get it	remarks - general: ex SAGE; supplied by ETSI under licence
						remarks - this release:
<hr/>						
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data					
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, comments):</i>					
	SP-11 28/08/2001 4 . 0 . 0				get it	remarks - general: ex SAGE; supplied by ETSI under licence
						remarks - this release:
<hr/>						
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data					
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, comments):</i>					
	SP-11 28/08/2001 4 . 0 . 0				get it	remarks - general: ex SAGE; supplied by ETSI under licence
						remarks - this release:
<hr/>						
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document					
Rel-4	<i>current version:</i> 1: General	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, comments):</i>					
	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.

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

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ACTIVE specs Rel-4 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 2: Algorithm specification</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE				
			<i>remarks - this release:</i>	TSG#11:changed to Rel-4				
<hr/>								
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 3: Implementors' test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE				
			<i>remarks - this release:</i>	TSG#11:changed to Rel-4				
<hr/>								
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 4: Design conformance test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE				
			<i>remarks - this release:</i>	TSG#11:changed to Rel-4				
<hr/>								
TR 35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 5: Summary and results of design and evaluation</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE				
			<i>remarks - this release:</i>	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

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

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ACTIVE specs 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	<i>current version:</i> 4.0.1	<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> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
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, comments):</i>					
	SP-11 4 . 0 . 0		<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<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, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
TS 41.102	GSM Release 4 specifications					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-10 1 . 0 . 0		<i>remarks - general:</i> Né 41.001; renumbered at TSG#10.			
	SP-10 04/01/2001 1 . 0 . 1	get it	<i>remarks - this release:</i>			
	SP-11 11/04/2001 4 . 0 . 0	get it				
	SP-12 05/07/2001 4 . 1 . 0	get it				
	SP-13 01/10/2001 4 . 2 . 0	get it				
	SP-14 03/01/2002 4 . 3 . 0	get it				
	SP-15 27/03/2002 4 . 4 . 0	get it				
	SP-16 19/06/2002 4 . 5 . 0	get it				
	post SP-16 editorial 25/06/2002 4 . 5 . 1	get it				
	SP-17 18/09/2002 4 . 6 . 0	get it				
	SP-18 03/01/2003 4 . 7 . 0	get it				

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

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ACTIVE specs Rel-4 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

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 / NP	<i>rapporteur:</i> CHRISTOFFERSSON, Telia Promotor AB				
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.	
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	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version, comments):</i>						
	TP-11 09/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
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	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version, comments):</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>	.	
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	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-11 10/04/2001 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 access.

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ACTIVE specs Rel-4 42 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Was 22.043 at Rel99.
remarks - this release:

TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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, comments):
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, comments):
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

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

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005	Technical performance objectives					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.010	GSM Public Land Mobile Network (PLMN) connection types					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-10 08/01/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-11 06/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-17 17/09/2002 4 . 2 . 0	get it				
<hr/>						
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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</i>	G: yes U:				
	SP-09 04/11/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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ACTIVE specs Rel-4 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-4 *current version:* 4.5.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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	

TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-04	11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
re-issue as TR (not TS) as per 03.26	31/07/2002	4 . 0 . 1	get it	<i>remarks - this release:</i>

TR 43.030 Radio network planning aspects

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / - *rapporteur:* TEGTH, Ulf TeliaSonera AB
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-01	10/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
some refs revert to pre-Rel-4 GSM format	24/10/2000	4 . 0 . 1	get it	<i>remarks - this release:</i>

TS 43.033 Lawful Interception; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-11	10/04/2001	4 . 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 access.

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0					get it <i>remarks - general:</i>
						<i>remarks - this release:</i>
<hr/>						
TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 11/04/2001 4 . 0 . 0					get it <i>remarks - general:</i>
						<i>remarks - this release:</i>
<hr/>						
TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 11/04/2001 4 . 0 . 0					get it <i>remarks - general:</i>
	GP-05 29/06/2001 4 . 1 . 0					get it <i>remarks - this release:</i>
<hr/>						
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0					get it <i>remarks - general:</i>
						<i>remarks - this release:</i>

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

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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, comments):

GP-02	05/01/2001	1	.	0	.	0	get it <i>remarks - general:</i>
	draft 02/02/2001	1	.	0	.	2	get it <i>remarks - this release:</i>
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

TS 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	15/02/2001	4	.	0	.	0	get it <i>remarks - general:</i>
GP-04	20/04/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
GP-07	04/01/2002	4	.	2	.	0	get it
GP-08	19/02/2002	4	.	3	.	0	get it

TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.2.2 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-08	23/06/2000	4	.	0	.	0	get it <i>remarks - general:</i>
NP-09	12/10/2000	4	.	1	.	0	get it <i>remarks - this release:</i>
edito	24/10/2000	4	.	1	.	1	get it
NP-10	02/01/2001	4	.	2	.	0	get it
edito	17/06/2002	4	.	2	.	1	get it
edito	28/06/2002	4	.	2	.	2	get it

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

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11
history (event, available, version, comments):

NP-08	23/06/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-09	12/10/2000	4 . 1 . 0	get it	<i>remarks - this release:</i>
edito	28/06/2002	4 . 1 . 1	get it	
NP-10	03/01/2001	4 . 2 . 0	get it	
edito	06/06/2002	4 . 2 . 1	get it	
Note 1 to 9 and Note 2 to 10 in fig. 4	27/06/2002	4 . 2 . 2	get it	

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-16
history (event, available, version, comments):

SP-16	24/06/2002	4 . 0 . 0 = 23.073 v4.0.0	get it	<i>remarks - general:</i> SP-16: derived from 23.073 on reversion to GERAN-only service. <i>remarks - this release:</i> .
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WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

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
history (event, available, version, comments):

NP-11	11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-16	20/06/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

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

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ACTIVE specs Rel-4 44 .- series
Server location: 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-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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](#)

TS 44.005 Data Link (DL) Layer General Aspects
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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.

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

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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, comments):
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, comments):
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](#)

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

Rel-4 *current version:* 4.13.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
04.18 to 3G format 10/08/2000 4 . 0 . 0 [get it](#) *remarks - general:*
GP-01 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release: #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](#)

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

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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, comments):
NP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-17 19/09/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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-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 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-07 08/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 44.056 GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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ACTIVE specs Rel-4 44 .- series
Server location: 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-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0

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

TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G2 / *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-03 31/01/2001 4 . 0 . 0
GP-04 04/05/2001 4 . 1 . 0
GP-05 18/06/2001 4 . 2 . 0
GP-06 14/09/2001 4 . 3 . 0
GP-07 09/01/2002 4 . 4 . 0
GP-08 19/02/2002 4 . 5 . 0
GP-09 03/05/2002 4 . 6 . 0
edito post GP-09 28/05/2002 4 . 6 . 1
GP-10 19/07/2002 4 . 7 . 0
GP-11 16/09/2002 4 . 8 . 0
GP-12 17/12/2002 4 . 9 . 0
GP-13 21/02/2003 4 . 10 . 0

[get it](#) *remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
[get it](#) *remarks - this release:* (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
[get it](#)
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[get it](#)
[get it](#)
[get it](#)

TS 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-11 11/04/2001 4 . 0 . 0
NP-12 29/06/2001 4 . 1 . 0
NP-14 04/01/2002 4 . 2 . 0
NP-15 19/03/2002 4 . 3 . 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 access.

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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			

TS 44.068	Group Call Control (GCC) Protocol				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	conversion to 06/09/2000 4 . 0 . 0	get it	<i>remarks - general:</i>		
	3GPP format		<i>remarks - this release:</i>		
	NP-09 12/10/2000 4 . 1 . 0	get it			
	edito 24/10/2000 4 . 1 . 1	get it			
	NP-12 29/06/2001 4 . 2 . 0	get it			
	NP-16 19/06/2002 4 . 3 . 0	get it			

TS 44.069	Broadcast Call Control (BCC) protocol				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-08 23/06/2000 4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-09 12/10/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	edito 24/10/2000 4 . 1 . 1	get it			
	NP-12 29/06/2001 4 . 2 . 0	get it			
	NP-16 19/06/2002 4 . 3 . 0	get it			

TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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-07 08/01/2002 4 . 2 . 0	get it			
	GP-10 19/07/2002 4 . 3 . 0	get it			

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

Rel-4 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-4 *current version:* 4.1.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

GP-01	10/10/2000	4	.	0	.	0	get it <i>remarks - general:</i>
edito	24/10/2000	4	.	0	.	1	get it <i>remarks - this release:</i>
GP-07	04/01/2002	4	.	1	.	0	get it

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-4 *current version:* 4.6.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

GP-01	10/10/2000	4	.	0	.	0	get it <i>remarks - general:</i>
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	15/01/2001	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

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

TS 45.003 Channel coding

Rel-4 *current version:* 4.1.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

GP-03	06/02/2001	4	.	0	.	0	get it <i>remarks - general:</i>
GP-07	04/01/2002	4	.	1	.	0	get it <i>remarks - this release:</i>

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

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ACTIVE specs Rel-4 45 .- series
Server location: 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, comments):

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

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

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

[get it](#)

TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.10.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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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ACTIVE specs Rel-4 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008 Radio subsystem link control

Rel-4 *current version:* 4.9.0

freeze_meeting: SP-11

history (event, available, version, comments):

GP-01	01/09/2000	4	.	0	.	0
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-08	18/02/2002	4	.	7	.	0
GP-09	06/05/2002	4	.	8	.	0
GP-10	19/07/2002	4	.	9	.	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-4 *current version:* 4.2.0

freeze_meeting: SP-11

history (event, available, version, comments):

GP-02	06/02/2001	4	.	0	.	0
GP-06	01/10/2001	4	.	1	.	0
GP-07	04/01/2002	4	.	2	.	0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

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

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

TS 45.010 Radio subsystem synchronization

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version, comments):

GP-04	20/04/2001	4	.	0	.	0
GP-07	04/01/2002	4	.	1	.	0
GP-08	19/02/2002	4	.	2	.	0
GP-10	19/07/2002	4	.	3	.	0
GP-13	21/02/2003	4	.	4	.	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:*
[get it](#)
[get it](#)

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

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ACTIVE specs Rel-4 45 .- series
Server location: 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, comments):
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
history (event, available, version, comments):
GP-04 11/04/2001 4 . 0 . 0
make figures 01/08/2001 4 . 0 . 1
legible

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
G: yes U: *MCC:* USAI, Paolino

[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, comments):
GP-04 11/04/2001 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab 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, comments):
SP-11 10/10/2001 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

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

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ACTIVE specs Rel-4 46 .- series
Server location: 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs Rel-4 46 .- series
Server location: 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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>
<hr/>						
TS 46.020	Half Rate Speech Transcoding					
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>

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

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ACTIVE specs Rel-4 46 .- series
Server location: 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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 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 access.

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>

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

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	fix invisible figures 10/01/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 46.081	Discontinuous Transmission (DTX) 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 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-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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-04 04/05/2001 4 . 0 . 0

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

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ACTIVE specs Rel-4 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-4 *current version:* 4.8.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04

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

history (event, available, version, comments):

08.08 to 3G format	11/08/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
GP-01	11/10/2000	4 . 1 . 0	get it	<i>remarks - this release:</i>
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 Peter MOTOROLA A/S
freeze_meeting: GP-04

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

history (event, available, version, comments):

GP-04	04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i>

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 Peter MOTOROLA A/S
freeze_meeting: GP-04

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

history (event, available, version, comments):

GP-02	17/11/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
GP-04	04/05/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
edito	07/06/2001	4 . 1 . 1	get it	
GP-06	14/09/2001	4 . 2 . 0	get it	

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

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ACTIVE specs Rel-4 48 .- series
Server location: 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:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</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>		

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

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ACTIVE specs Rel-4 48 .- series
Server location: 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 *current version:* 4.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 15/05/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 48.058 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification
Rel-4 *current version:* 4.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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:*

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.	
	edito 28/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>		
	GP-08 19/02/2002 4 . 1 . 0	get it			
<hr/>					
TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.	
	GP-08 19/02/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>	Cover sheet still shows version 4.0.0 and wrong date.	
	editorial pody GP-08 20/03/2002 4 . 1 . 1	get it			
<hr/>					
TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-06 14/09/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	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

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ACTIVE specs Rel-4 49 .- series
Server location: 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, comments):
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:* 4.0.1 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

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 Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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

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, comments):
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 01/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

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ACTIVE specs Rel-4 50 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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, comments):

conversion from	01/08/2000	4	.	0	.	1
11.10-1 v9.0.1						
edito	24/10/2000	4	.	0	.	2
GP-02	01/12/2000	4	.	1	.	0
edito to correct	01/12/2000	4	.	1	.	1
Release						
edito	17/01/2001	4	.	1	.	2
GP-03	22/01/2001	4	.	2	.	0
GP-04	11/04/2001	4	.	3	.	0
GP-05	05/06/2001	4	.	4	.	0
GP-06	31/08/2001	4	.	5	.	0
GP-07	09/01/2002	4	.	6	.	0
GP-08	26/02/2002	4	.	7	.	0
GP-09	03/05/2002	4	.	8	.	0
GP-10	19/07/2002	4	.	9	.	0
GP-11	20/09/2002	4	.	10	.	0

[get it](#)

remarks - general: 2001-11-19: G4->G5.

remarks - this release: #32:9.0.0 MCC-converted Aug00:4.0.1

[get it](#)

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[get it](#)

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

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ACTIVE specs Rel-4 51 .- series
Server location: 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, comments):

GP-02		1 . 0 . 0			
GP-04	11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
GP-05	05/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
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:* 4.7.0 *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, comments):

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		

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

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ACTIVE specs Rel-4 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-4	<i>current version:</i> 4.6.0		<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, comments):</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 to be			
	TP-13	11/10/2001	4 . 2 . 0	get it		open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version withdrawn!			
	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					
<hr/>									
TS 51.013	Test specification for SIM API for Java card								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.				
	<i>freeze_meeting:</i> TP-21		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version, comments):</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.	get it	<i>remarks - this release:</i>	TP-15: New WI approved in TP-020029.		
							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.		
<hr/>									
TS 51.021	GSM radio aspects base station system equipment specification								
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	GP-07	11/01/2002	4 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-10	19/07/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	GP-12	03/01/2003	4 . 2 . 0	get it					
	GP-13	21/02/2003	4 . 3 . 0	get it					
<hr/>									
TS 51.026	GSM Repeater Equipment Specification								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	post-GP-07	23/01/2002	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 access.

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

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, comments):
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, comments):
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402
SP-16 20/06/2002 4 . 1 . 0

[get it](#) *remarks - general:* SP-13: replaces 32.402.
[get it](#) *remarks - this release:* .

R99

R99 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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ACTIVE specs R99 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 GSM Release 1999 Specifications

R99 *current version:* 8.8.0

freeze_meeting: SP-06

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

history (event, available, version, comments):

draft	01/08/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
draft	01/08/1999	0 . 0 . 1	get it	<i>remarks - this release:</i>
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	21/09/1999	0 . 2 . 0	get it	
responsibility				
draft	04/08/2000	0 . 3 . 0	get it	
editorials	01/10/1999	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	

TR 01.04 Abbreviations and acronyms

R99 *current version:* 8.0.0

freeze_meeting: SP-06

WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd

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

history (event, available, version, comments):

upgrade to R99	10/05/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
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remarks - this release: .

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

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ACTIVE specs R99 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-06 G: yes U: *MCC:* POPE, Maurice One
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 01.33 Lawful Interception requirements for GSM
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-06 G: yes U: *MCC:* POPE, Maurice
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-06 G: yes U: *MCC:* POPE, Maurice
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 02 .- series Server location: 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
G: yes U: *MCC:* POPE, Maurice
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 05/06/2001 8 . 0 . 1 [get it](#) *remarks - this release:* .

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

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ACTIVE specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	smg-30 11/11/1999 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> SP-12	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14		get it	<i>remarks - general:</i> SMG9->T3@#31		
				<i>remarks - this release:</i> 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!		
<hr/>						
TS 02.33	Lawful Interception (LI); Stage 1					
R99	<i>current version:</i> 8.0.1	<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, comments):</i>					
	Upgrade to R99 14/04/2000 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 05/06/2001 8 . 0 . 1		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1					
R99	<i>current version:</i> 8.0.0	<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, comments):</i>					
	SP-11 02/05/2001 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version too!		
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 17/05/2000 8 . 0 . 0		get it	<i>remarks - general:</i> SMG9->T3@#31		
				<i>remarks - this release:</i> .		

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

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ACTIVE specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):
upgrade to R99 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
ETSI publication 20/07/2001 8 . 0 . 1 [get it](#) *remarks - this release:* Nov-00: Created to fill the gap.

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, comments):
Upgrade to R99 01/05/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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, comments):
smg-31 30/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*
SP-10 12/01/2001 8 . 1 . 0 [get it](#) *remarks - this release:*

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, comments):
Upgrade to R99 10/05/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* . TSG#10:8.1.0
SP-10 12/01/2001 8 . 1 . 0 [get it](#)

TS 02.76 Noise Suppression for the AMR

R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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 [get it](#) *ETSI publication only - 3GPP use 8.0.0* [get it](#)
(not for 3GPP server)

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

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ACTIVE specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):
smg-28 1 . 0 . 0 *remarks - general:*
smg-30 11/11/1999 8 . 0 . 0 [get it](#) *remarks - this release:* #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or common.

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, comments):
SP-07 17/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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, comments):
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
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 access.

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	Upgrade to R99 29/03/2000 8 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.
<hr/>					
TS 03.19	GSM API for SIM toolkit stage 2				
R99	<i>current version:</i> 8.5.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	Upgrade to R99 27/07/2001 8 . 0 . 0		get it	<i>remarks - general:</i>	SMG9->T3@#31
	TP-11 27/07/2001 8 . 1 . 0		get it	<i>remarks - this release:</i>	
	TP-12 27/07/2001 8 . 2 . 0		get it		
	TP-14 17/01/2002 8 . 3 . 0		get it		
	TP-16 19/06/2002 8 . 4 . 0		get it		
	editorial post TP-16 14/08/2002 8 . 4 . 1		get it		
	TP-17 27/09/2002 8 . 5 . 0		get it		
<hr/>					
TS 03.20	Security-related Network Functions				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-30 24/11/1999 8 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-32 20/06/2000 8 . 1 . 0		get it	<i>remarks - this release:</i>	

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

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ACTIVE specs R99 03 .- series
Server location: 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	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-06				Skov				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-29 30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and				
	smg-30 11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>	group receive mode".				
	smg-30b 06/12/1999	8 . 2 . 0	get it						
	smg-31 16/02/2000	8 . 3 . 0	get it						
	GP-03 15/02/2001	8 . 4 . 0	get it						
	GP-05 29/06/2001	8 . 5 . 0	get it						
	GP-10 19/07/2002	8 . 6 . 0	get it						
	GP-11 19/09/2002	8 . 7 . 0	get it						

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator								
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-06				Skov				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	Upgrade to R99 29/03/2000	8 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

TR 03.30	Radio Network Planning Aspects								
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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>	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0				
	smg-30 bis 06/12/1999	8 . 2 . 0	get it						
	smg-31 16/02/2000	8 . 3 . 0	get it						

TS 03.33	Lawful Interception; Stage 2								
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH			
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	Upgrade to R99 30/06/2000	8 . 0 . 0	get it	<i>remarks - general:</i>					
	SP-10 21/12/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>	TSG#10:8.1.0				

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

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ACTIVE specs R99 03 .- series
Server location: 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, comments):
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, comments):
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, comments):
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 Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series
Server location: 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	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 29/03/2000 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 29/09/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/03/2000 8 . 0 . 0		get it	<i>remarks - general:</i> Mar00: prime responsibility txfrd to SMG11		
				<i>remarks - this release:</i> .		
<hr/>						
TS 03.55	Dual Transfer Mode (DTM); Stage 2					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-02 05/01/2001 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> GERAN#2: 8.0.0		
<hr/>						
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/03/2000 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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ACTIVE specs R99 03 .- series
Server location: 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:* 8.10.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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	
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	

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, comments):

smg-31	16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
NP-07	17/03/2000	8 . 1 . 0	get it	<i>remarks - this release:</i> #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, comments):

smg-31	16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
NP-07	17/03/2000	8 . 1 . 0	get it	<i>remarks - this release:</i> TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32	20/06/2000	8 . 2 . 0	get it	

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

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ACTIVE specs R99 03 .- series
Server location: 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, comments):

Upgrade to R99	30/06/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
SP-11	11/04/2001	8 . 1 . 0	get it	<i>remarks - this release:</i> Need identified at TSG#7, since 23.171 does not cover GSM.
SP-12	29/06/2001	8 . 2 . 0	get it	
SP-13	15/10/2001	8 . 3 . 0	get it	
SP-14	07/01/2002	8 . 4 . 0	get it	
SP-15	02/04/2002	8 . 5 . 0	get it	
SP-16	17/06/2002	8 . 6 . 0	get it	
SP-17	24/09/2002	8 . 7 . 0	get it	

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

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, comments):

SP-16	24/06/2002	8 . 0 . 0	get it	<i>remarks - general:</i> 2001-10-11: S2->N4 to align with ownership of 23.073. <i>remarks - this release:</i> SP-16: 23.073 reverts to GERAN-only.
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WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

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, comments):

smg-31	16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #31: 8.0.0
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WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

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

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ACTIVE specs R99 04 .- series
Server location: 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	<i>current version:</i> 8.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06			Skov	
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	smg-30 11/11/1999	8 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI publication 07/09/2001	8 . 0 . 1	get it	<i>remarks - this release:</i>	
	edito 17/06/2002	8 . 0 . 2	get it		
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R99	<i>current version:</i> 8.1.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> SP-06			THOMASEN, Gert	
		G: yes U:	<i>MCC:</i>		
<i>history (event, available, version, comments):</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>	
	ETSI publication 07/09/2001	8 . 1 . 1	get it		
	edito 17/06/2002	8 . 1 . 2	get it		
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R99	<i>current version:</i> 8.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06			Skov	
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI publication 22/09/2000	8 . 0 . 1	get it	<i>remarks - this release:</i>	
	edito 17/06/2002	8 . 0 . 2	get it		
<hr/>					
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
R99	<i>current version:</i> 8.2.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06			Skov	
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI publication 29/09/2000	8 . 0 . 1	get it	<i>remarks - this release:</i>	
	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		

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

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TS 04.08	Mobile radio interface layer 3 specification					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	smg-29 30/06/2000 8 . 0 . 0					
		get it	<i>remarks - general:</i>	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen		
			<i>remarks - this release:</i>	#29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 R99 (even numbered CRs!)		
				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	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-04 24/04/2001 8 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>	Replaces 24.012 R99.		
<hr/>						
TS 04.13	Performance Requirements on Mobile Radio Interface					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0					
	ETSI publication 29/08/2000 8 . 0 . 1					
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>	#31: 8.0.0		
<hr/>						
TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions					
R99	<i>current version:</i> 8.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/03/2000 8 . 0 . 0					
	smg-32 20/06/2000 8 . 1 . 0					
	GP-04 24/04/2001 8 . 2 . 0					
	GP-05 18/06/2001 8 . 3 . 0					
	GP-10 19/07/2002 8 . 4 . 0					
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
		get it				
		get it				
		get it				

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

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ACTIVE specs R99 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 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, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series
Server location: 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, comments):					
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		
<hr/>					
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, comments):					
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		
<hr/>					
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, comments):					
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 access.

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ACTIVE specs R99 04 .- series
Server location: 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, comments):
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:* 8.17.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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](#)

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

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ACTIVE specs R99 04 .- series
Server location: 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	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>		
	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 (SNDTCP)				
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.	
	NP-09 12/10/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-13 02/10/2001 8 . 2 . 0	get it			

TS 04.68	Group Call Control (GCC) Protocol				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-07 17/03/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 04.69	Broadcast Call Control (BCC) protocol				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-07 17/03/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>		

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

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ACTIVE specs R99 04 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: SP-06

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

history (event, available, version, comments):

Upgrade to R99	30/06/2000	8	.	0	.	0
smg-31	20/03/2000	8	.	1	.	0
GP-05	18/06/2001	8	.	2	.	0
GP-07	08/01/2002	8	.	3	.	0
edito	17/06/2002	8	.	3	.	1
GP-10	19/07/2002	8	.	4	.	0

[get it](#) *remarks - general:* Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.

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

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[get it](#)

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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:* 8.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-06

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

history (event, available, version, comments):

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-32	20/06/2000	8	.	4	.	0
GP-01	09/10/2000	8	.	5	.	0
GP-07	04/01/2002	8	.	6	.	0

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

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

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

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ACTIVE specs R99 05 .- series
Server location: 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, comments):

smg-29	30/06/1999	8	.	0	.	1
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
ETSI publication		8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication		8	.	5	.	1
GP-01	09/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-06	01/10/2001	8	.	10	.	0

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remarks - general:

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remarks - this release:

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TS 05.03 Channel coding

R99 *current version:* 8.6.1

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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
ETSI publication	17/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
GP-02	24/11/2000	8	.	6	.	0
edito	15/02/2001	8	.	6	.	1

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remarks - general:

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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

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

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation

R99 *current version:* 8.4.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

history (event, available, version, comments):

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

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

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

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TS 05.05 Radio Transmission and Reception

R99 *current version:* 8.14.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

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

history (event, available, version, comments):

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

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

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R99 current version: 8.15.0

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, comments):

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

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[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 Peter MOTOROLA A/S

G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

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

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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 access.

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ACTIVE specs R99 05 .- series
Server location: 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

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

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

history (event, available, version, comments):

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

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

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

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han

T-MOBILE DEUTSCHLAND

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

history (event, available, version, comments):

Upgrade to R99	30/03/2000	8	.	0	.	0
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[get it](#) *remarks - general:*

remarks - this release: .

TR 05.50 Background for RF Requirements

R99 *current version:* 8.2.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter

MOTOROLA A/S

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

history (event, available, version, comments):

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

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

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 access.

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ACTIVE specs R99 05 .- series
Server location: 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 Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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 Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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, comments):
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, comments):
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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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
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TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 06.10	Full Rate Speech Transcoding					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial 31/05/2000 8 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000 8 . 1 . 0	get it				
	ETSI Publication 30/11/2000 8 . 1 . 1	get it				
	SP-12 29/06/2001 8 . 2 . 0	get it				
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TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
	SP-12 29/06/2001 8 . 1 . 0	get it				

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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.20	Half Rate Speech Transcoding					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publicatoin 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
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TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
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	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
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TS 06.32	Voice Activity Detection (VAD)					
R99	<i>current version:</i> 8.0.1	<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> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			

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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> .		
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TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<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> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> .		
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TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> #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			
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TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> .		

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ACTIVE specs R99 06 .- series
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TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)				
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>	
	ETSI publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i>	
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	SP-10 20/12/2000 8 . 2 . 0		get it		
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TR 06.55	Performance characterisation of the GSM EFR Speech Codec				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
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				<i>remarks - this release:</i> .	
<hr/>					
TS 06.60	Enhanced full rate speech transcoding				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> .	
<hr/>					
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> .	
<hr/>					
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1		get it	<i>remarks - this release:</i> .	

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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-07 2 . 0 . 0				<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title.	
	SP-07 17/03/2000 8 . 0 . 0				<i>remarks - this release:</i>	
	fix invisible figures 10/01/2002 8 . 0 . 1				get it	
					get it	
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TS 06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 20/06/2000 8 . 0 . 0				<i>remarks - general:</i>	
	SP-11 10/04/2001 8 . 1 . 0				<i>remarks - this release:</i> #32:8.0.0 TSG#11:8.1.0	
	edito 03/05/2001 8 . 1 . 1				get it	
					get it	
					get it	
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TR 06.78	Results of the AMR noise suppression selection phase					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 20/06/2000 8 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> #32:8.0.0	
					get it	
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TS 06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0				<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1				<i>remarks - this release:</i> .	
					get it	
					get it	
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TS 06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0				<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1				<i>remarks - this release:</i> .	
					get it	
					get it	

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ACTIVE specs R99 06 .- series
Server location: 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 Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
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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ACTIVE specs R99 08 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: *MCC:* THOMASEN, Gert
Skov
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: *MCC:* THOMASEN, Gert
Skov
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: *MCC:* THOMASEN, Gert
Skov
history (event, available, version, comments):
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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ACTIVE specs R99 08 .- series
Server location: 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				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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			THOMASEN, Gert	
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</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			BOSWARTHICK, David	
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</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	

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

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.31 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification
R99 *current version:* 8.1.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
Skov
THOMASEN, Gert

history (event, available, version, comments):
Upgrade to R99 11/05/2000 8 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 8 . 1 . 0 [get it](#) *remarks - this release:* .
edito 17/06/2002 8 . 1 . 1 [get it](#)

TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
Skov
THOMASEN, Gert

history (event, available, version, comments):
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 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
Skov
THOMASEN, Gert

history (event, available, version, comments):
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 08.54 BSC-BTS Layer 1; Structure of Physical Circuits
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
Skov
THOMASEN, Gert

history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.56 BSC-BTS Layer 2; Specification

R99 *current version:* 8.0.1
freeze_meeting: SP-06

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
Skov

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

history (event, available, version, comments):

smg-31 16/02/2000 8 . 0 . 0
edito 17/06/2002 8 . 0 . 1

[get it](#) *remarks - general:*
[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
freeze_meeting: SP-06

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
Skov

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

history (event, available, version, comments):

smg-29 30/06/1999 8 . 0 . 0
smg-30 11/11/1999 8 . 1 . 0
smg-30 11/11/1999 8 . 2 . 0
smg-31 16/02/2000 8 . 3 . 0
smg-31 bis 17/04/2000 8 . 4 . 0
GP-01 11/10/2000 8 . 5 . 0
GP-02 30/11/2000 8 . 6 . 0

[get it](#) *remarks - general:*
[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 GERAN#2:8.6.0
[get it](#)
[get it](#)
[get it](#)
[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
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
Skov

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

history (event, available, version, comments):

smg-30 11/11/1999 8 . 0 . 1
smg-30 bis 06/12/1999 8 . 1 . 0
ETSI publication 30/10/2001 8 . 1 . 1
GP-08 19/02/2002 8 . 2 . 0
replace corrupted 24/01/2003 8 . 2 . 1
figure 2.1

[get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

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

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels								
R99	current version: 8.1.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels Peter	MOTOROLA A/S			
	freeze_meeting: SP-06				Skov				
		G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version, comments):								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release:	.			
	GP-08 19/02/2002	8 . 1 . 0		get it					
<hr/>									
TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.			
	freeze_meeting: SP-06				USAI, Paolino				
	history (event, available, version, comments):								
	SP-07 17/03/2000	8 . 0 . 0		get it	remarks - general:	SMG11->S4 at SMG#30			
	edito 08/08/2000	8 . 0 . 1		get it	remarks - this release:	.			
<hr/>									
TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3								
R99	current version: 8.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels Peter	MOTOROLA A/S			
	freeze_meeting: SP-06				Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version, comments):								
	smg-31 16/02/2000	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-06 14/09/2001	8 . 3 . 0		get it					
	GP-07 08/01/2002	8 . 4 . 0		get it					
	GP-08 26/03/2002	8 . 5 . 0		get it					

R99

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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

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ACTIVE specs R99 09 .- series
Server location: 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, comments):

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:* 8.1.0

freeze_meeting: SP-06

history (event, available, version, comments):

smg-31 16/02/2000 8 . 0 . 0

NP-10 02/01/2001 8 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh 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

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, comments):

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 Peter MOTOROLA A/S

G: yes U: *MCC:* 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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 10 .- series
Server location: 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, comments):
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, comments):
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, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
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 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 access.

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ACTIVE specs R99 11 .- series
Server location: 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:* 8.2.0 *WG (prime / other):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 T3
G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):
auto upgrade to 8 . 0 . 0 never actually done
R99 from previous
this spec from G5, and to approve a new R99 version not derived from R96 by CR;
rel
also to withdraw the R96 version, since the R99 version will cover all previous
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 [get it](#)
version.
GP-13 21/02/2003 8 . 2 . 0 [get it](#)

remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, and
to approve a new R99 version not derived from R96 by CR; also to withdraw the R96
version, since the R99 version will cover all previous Releases. Releases.

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, comments):
smg-29 30/06/1999 8 . 0 . 0 [get it](#)
smg-30 11/11/1999 8 . 1 . 0 [get it](#)
smg-31 16/02/2000 8 . 2 . 0 [get it](#)
smg-32 20/06/2000 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-14 17/01/2002 8 . 6 . 0 [get it](#)
TP-16 25/06/2002 8 . 7 . 0 [get it](#)
TP-17 18/09/2002 8 . 8 . 0 [get it](#)
TP-18 02/01/2003 8 . 9 . 0 [get it](#)

remarks - general:
remarks - this release:

TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R99 *current version:* 8.1.0 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-06 G: yes U: MCC: DIETZE, Claus

history (event, available, version, comments):
TP-17 18/09/2002 8 . 0 . 0 == v7.4.2 [get it](#)
TP-18 02/01/2003 8 . 1 . 0 [get it](#)

remarks - general:
remarks - this release: No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.

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

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ACTIVE specs R99 11 .- series
Server location: 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								
R99	<i>current version:</i> 8.12.0		<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								
			G: yes	U:	MCC:	DIETZE, Claus			
	<i>history (event, available, version, comments):</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 implementation	31/05/2000	8	.	2	.	1	get it	
	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	

TS 11.17	Subscriber Interface Module (SIM) test specification								
R99	<i>current version:</i> 8.0.0		<i>WG (prime / other):</i> T3 / -		<i>rapporteur:</i> BREMNER, David				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-06								
			G: yes	U:	MCC:	DIETZE, Claus			
	<i>history (event, available, version, comments):</i>								
	TP-18	02/01/2003	8	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> May 00: R99 not anticipated. TP-18: R99 created.

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

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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, comments):

smg-30 bis	06/12/1999	8 . 0 . 0	get it	<i>remarks - general:</i>
smg-31	16/02/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>
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	

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, comments):

smg-31 bis	17/04/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
start of OAP	24/05/2000	8 . 0 . 1	get it	<i>remarks - this release:</i>
ETSI publication	10/10/2000	8 . 0 . 2	get it	

based on 5.2.1

R99

12 .- series

Server location: 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 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-06 NP *G: yes U:* MCC: ZOICAS, Adrian

history (event, available, version, comments):

Upgrade to R99	19/04/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
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remarks - this release:

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

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ACTIVE specs R99 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.04 Performance data measurements

R99 *current version:* 8.1.0
freeze_meeting: SP-06

WG (prime / other): S5 / S1 / NP *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)

G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

Upgrade to R99 19/04/2000 8 . 0 . 0
SP-16 28/06/2002 8 . 1 . 0

[get it](#) *remarks - general:*
[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
freeze_meeting: SP-06

WG (prime / other): G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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
freeze_meeting: SP-06

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft 22/09/1999 0 . 0 . 1
draft 18/10/1999 0 . 0 . 2
draft 03/12/1999 0 . 0 . 3
draft 22/12/1999 0 . 0 . 4
draft 17/01/2000 0 . 0 . 5
draft 22/05/2000 2 . 0 . 0
draft 25/05/2000 2 . 0 . 1
SP-08 21/06/2000 7 . 0 . 0
SP-08 21/06/2000 8 . 0 . 0
ETSI Publication 30/11/2000 8 . 0 . 1

[get it](#) *remarks - general:* TSG#11:S5 will no longer maintain.
[get it](#) *remarks - this release:* TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
[get it](#)
[get it](#)
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[get it](#)
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[get it](#)

R99

21 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.101 3rd Generation mobile system Release 1999 Specifications

R99 *current version:* 3.10.0

freeze_meeting: SP-07

WG (*prime / other*): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

history (event, available, version, comments):

SP-05	13/10/1999	1	.	0	.	0	
SP-06	17/12/1999	2	.	0	.	0	
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	
editorial	30/03/2000	3	.	0	.	1	
post-SP-08	28/06/2000	3	.	1	.	0	
SP-10	04/01/2001	3	.	2	.	0	
SP-11	11/04/2001	3	.	3	.	0	
SP-12	05/07/2001	3	.	4	.	0	
SP-13	01/10/2001	3	.	5	.	0	
SP-14	03/01/2002	3	.	6	.	0	
SP-15	27/03/2002	3	.	7	.	0	
SP-16	19/06/2002	3	.	8	.	0	
SP-17	18/09/2002	3	.	9	.	0	
SP-18	03/01/2003	3	.	10	.	0	

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

TS 21.111 USIM and IC card requirements

R99 *current version:* 3.4.0

freeze_meeting: SP-03

WG (*prime / other*): T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND

G: U: yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

draft	16/10/1998	0	.	0	.	1	
Transfer from smg9 to T3	04/03/1999	1	.	1	.	0	
T3	21/04/1999	2	.	0	.	0	
TP-03	23/04/1999	3	.	0	.	0	
TP-06	17/12/1999	3	.	0	.	1	
TP-07	15/03/2000	3	.	1	.	0	
TP-08	23/06/2000	3	.	2	.	0	
TP-09	18/10/2000	3	.	3	.	0	
TP-17	18/09/2002	3	.	4	.	0	

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

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

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0
freeze_meeting: SP-03

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
Per
G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

draft	20/08/1998	0	.	0	.	1
draft	20/10/1998	1	.	0	.	0
WG approval	20/12/1998	2	.	0	.	0
SP-03	23/04/1999	3	.	0	.	0
SP-06	17/12/1999	3	.	1	.	0
SP-14	07/01/2002	3	.	2	.	0

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

TR 21.810 Report on multi-mode UE issues; ongoing work and identified additional work

R99 *current version:* 3.0.0
freeze_meeting: SP-08

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-08	23/06/2000	3	.	0	.	0
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[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

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0
freeze_meeting: SP-03

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

history (event, available, version, comments):

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](#)

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

3GPP specification status

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0

freeze_meeting: SP-07

WG (prime / other): T2 / - *rapporteur:* SOOD, Prem SHARP Corporation

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

history (event, available, version, comments):

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:*

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TR 21.905 Vocabulary for 3GPP Specifications

R99 *current version:* 3.3.0

freeze_meeting: SP-07

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

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

history (event, available, version, comments):

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](#)

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

3GPP specification status

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0

freeze_meeting: SP-08

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB

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

history (event, available, version, comments):

TP-03 0 . 1 . 0
TP-04 0 . 2 . 0

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.
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)

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

[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

WG (prime / other): N2 / - *rapporteur:*

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

history (event, available, version, comments):

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

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

R99 *current version:* 3.2.0

freeze_meeting: SP-07

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

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

history (event, available, version, comments):

SP-06 17/12/1999 3 . 0 . 0 aprvd with CRs
SP-06 17/12/1999 3 . 1 . 0
edito 18/01/2000 3 . 1 . 1
SP-07 17/03/2000 3 . 2 . 0

[get it](#)

remarks - general: Transfer>TSG#5

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-06	17/12/1999	3 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#5	aprvd with CRs
	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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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		
<i>history (event, available, version, comments):</i>						
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		
<i>history (event, available, version, comments):</i>						
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		
<i>history (event, available, version, comments):</i>						
SP-05	13/10/1999	3 . 0 . 1	get it	remarks - general:	Transfer>TSG#4	
SP-08	28/06/2000	3 . 1 . 0	get it	remarks - this release:		difficulty in implementing CR
SP-16	19/06/2002	3 . 2 . 0	get it			
edito post SP-16	24/06/2002	3 . 2 . 1	get it			corrects change history

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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, comments):</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, comments):</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, comments):</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				
	Technically identical to 02.31 v8.0.1.		<i>remarks - this release:</i> Created from 02.31 R99. -> 22.031.				
<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, comments):</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.				

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1						
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-07 15/03/2000 3 . 2 . 0	get it	<i>remarks - this release:</i>				
	edito 25/04/2000 3 . 2 . 1	get it					
<hr/>							
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 30/10/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-07 17/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-08 28/06/2000 3 . 2 . 0	get it					
<hr/>							
TS 22.041	Operator Determined Call Barring						
R99	<i>current version:</i> 3.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-10 08/01/2001 3 . 2 . 0	get it	<i>remarks - this release:</i>				
	SP-11 02/04/2001 3 . 3 . 0	get it					
	edito 26/04/2001 3 . 3 . 1	get it					
<hr/>							
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4				
			<i>remarks - this release:</i> CR to 3.0.1 not aprvd.				

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 25/10/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution				
	edito 25/10/1999 3 . 0 . 1	get it	<i>remarks - this release:</i> . Environment (MExE); Stage 1".				
<hr/>							
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1						
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</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 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	<i>current version:</i> 3.2.0	<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, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-07 15/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	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	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4				
			<i>remarks - this release:</i> .				

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.071	Location Services (LCS); Stage 1				
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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-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	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		
<hr/>					
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
R99	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i>		
	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 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	<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, comments):</i>				
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		

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

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ACTIVE specs R99 22 .- series
Server location: 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, comments):</i>					
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-08 28/06/2000 3 . 2 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
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, comments):</i>					
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
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, comments):</i>					
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
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, comments):</i>					
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
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, comments):</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> .			

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1						
R99	<i>current version:</i> 3.1.0	<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, comments):</i>						
	SP-05 13/10/1999 3 . 1 . 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						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4				
	3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.		<i>remarks - this release:</i>				
	incorporation of 01/02/2000 3 . 1 . 0	get it					
	lost CR from SP-05						
<hr/>							
TS 22.088	Call Barring (CB) supplementary services; Stage 1						
R99	<i>current version:</i> 3.0.2	<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, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4				
	edito 27/11/2000 3 . 0 . 2	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-07 15/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>				
<hr/>							
TS 22.091	Explicit Call Transfer (ECT) supplementary service; 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, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-09 18/10/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>				

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, 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, comments):</i> SP-05 13/10/1999 3 . 0 . 1				get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>						
TS 22.094	Follow Me service description - Stage 1					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> SP-06 17/12/1999 3 . 1 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 <i>remarks - this release:</i> 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	<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, comments):</i> SP-05 13/10/1999 3 . 0 . 1				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					
R99	<i>current version:</i> 3.2.0	<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, comments):</i> SP-05 13/10/1999 3 . 1 . 0 SP-09 18/10/2000 3 . 2 . 0				get it get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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, comments):

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

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TS 22.101 Service aspects; Service principles

R99 *current version:* 3.13.0

freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)

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

history (event, available, version, comments):

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

[get it](#) *remarks - general:*
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series
Server location: 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

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom

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

history (event, available, version, comments):

First complete draft	13/06/1997	1	.	0	.	0
draft	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
Under TB change control	20/03/1998	3	.	0	.	0
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

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

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TS 22.115 Service Aspects Charging and billing

R99 *current version:* 3.3.0

freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.

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

history (event, available, version, comments):

First complete draft	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

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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 access.

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ACTIVE specs R99 22 .- series
Server location: 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	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited			
	<i>freeze_meeting:</i> SP-04	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	OSP parts extracted from 22,121 v3,2,0			get it	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage			
	draft 04/04/1999	0 . 1 . 0		get it	<i>remarks - this release:</i>	1". SP-16: converted from TS to TR.			
	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	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick	ORANGE PCS LTD			
	<i>freeze_meeting:</i> SP-03	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	Start of work 04/03/1999	0 . 0 . 0		get it	<i>remarks - general:</i>				
	Table of Contents and Scope 04/03/1999	0 . 1 . 0		get it	<i>remarks - this release:</i>				
	First complete draft 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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series
Server location: 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

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

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

history (event, available, version, comments):

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

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

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TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0

freeze_meeting: SP-06

WG (prime / other): S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG

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

history (event, available, version, comments):

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

[get it](#) *remarks - general:* (development in T2)

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

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TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0

freeze_meeting: SP-05

WG (prime / other): T2 / NP *rapporteur:* COLBAN, Erik ERICSSON AS

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

history (event, available, version, comments):

TP-03 28/04/1999 1 . 0 . 0

TP-05 08/10/1999 3 . 0 . 0

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

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

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

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ACTIVE specs R99 22 .- series
Server location: 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, comments):

Table of Contents and Scope	19/10/1997	0	0	1
First complete draft	19/12/1997	1	1	1
WG approval	15/02/1998	2	0	0
TB approval	20/03/1998	3	0	0
SP-03	23/04/1999	3	1	1

[get it](#) *remarks - general:*
remarks - this release: .
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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
G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

Table of Contents and Scope	17/10/1997	0	1	0
First complete draft	19/12/1997	1	0	0
WG approval	15/02/1998	2	0	0
TB approval	20/03/1998	3	0	0
SP-03	23/04/1999	3	0	1
SP-05	13/10/1999	3	1	0

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002	Network architecture						
R99	current version: 3.6.0		WG (prime / other): S2 / -	rapporteur: SULTAN, Alain		SOURCE COM	
	freeze_meeting: SP-05		G: yes U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version, comments):						
	SP-05 13/10/1999	3 . 1 . 0		get it	remarks - general: Transfer>TSG#4,CR at TSG#5		
	SP-06 17/12/1999	3 . 2 . 0		get it	remarks - this release:		
	SP-07 15/03/2000	3 . 3 . 0		get it			
	SP-10 21/12/2000	3 . 4 . 0		get it			
	SP-14 07/01/2002	3 . 5 . 0		get it			
	SP-17 24/09/2002	3 . 6 . 0		get it			
<hr/>							
TS 23.003	Numbering, Addressing and Identification						
R99	current version: 3.11.0		WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick		VODAFONE LTD	
	freeze_meeting: SP-03		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):						
	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			
	edito 17/05/2000	3 . 4 . 1		get it			
	NP-08 28/06/2000	3 . 5 . 0		get it			
	NP-09 26/10/2000	3 . 6 . 0		get it			
	NP-10 21/12/2000	3 . 7 . 0		get it			
	NP-11 02/04/2001	3 . 8 . 0		get it			
	NP-12 27/06/2001	3 . 9 . 0		get it			
	NP-16 21/06/2002	3 . 10 . 0		get it			
	NP-17 17/09/2002	3 . 11 . 0		get it			

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.007 Restoration procedures

R99 current version: 3.5.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

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

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.008 Organisation of subscriber data

R99 current version: 3.7.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

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

[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 access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.009 Handover procedures

R99 *current version:* 3.12.0

freeze_meeting: SP-03

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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 beautified)	16/05/2000	3	.	2	.	1
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

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

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

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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

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

history (event, available, version, comments):

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](#)

TS 23.012 Location management procedures

R99 *current version:* 3.3.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

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

history (event, available, version, comments):

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 removed (error)	05/06/2000	3	.	2	.	1
NP-08	23/06/2000	3	.	3	.	0

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

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

[get it](#)

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[get it](#)

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):
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, comments):
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, Kimmo

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

TS 23.016 Subscriber data management; Stage 2

R99 *current version:* 3.9.0
freeze_meeting: SP-03
history (event, available, version, comments):
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 / - *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](#)
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[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.018	Basic Call Handling; Technical realization					
R99	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03		Chalmers			
		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-04 23/06/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	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 25/10/2000 3 . 6 . 0	get it				
	NP-11 06/04/2001 3 . 7 . 0	get it				
	NP-12 04/07/2001 3 . 8 . 0	get it				
	NP-13 03/10/2001 3 . 9 . 0	get it				
	NP-14 16/01/2002 3 . 10 . 0	get it				
	NP-15 28/03/2002 3 . 11 . 0	get it				

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>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-18					
		G: yes U: yes	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</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 & Rel-5		
				<i>remarks - this release:</i> Created from 03.31 R99. -> 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>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-03		MCC: YOON, Sang-Ui			
		G: yes U: yes				
	<i>history (event, available, version, comments):</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 to correct figures 10/01/2003 3 . 2 . 1	get it				

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

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ACTIVE specs R99 23 .- series
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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>rapporteur:</i> CARRION RODRIGO, NOKIA Corporation		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> Inmaculada JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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			
<hr/>					
TS 23.035	Immediate Service Termination (IST); Stage 2				
R99	<i>current version:</i> 3.1.0	<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, comments):</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.		
<hr/>					
TS 23.038	Alphabets and language-specific information				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-03 28/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-04 23/06/1999 3 . 1 . 0	get it	<i>remarks - this release:</i> additional CR for R99 on SMS enhanced message content expected at TSG-T#7. No, evidently not.		
	TP-05 08/10/1999 3 . 2 . 0	get it			
	TP-06 17/12/1999 3 . 3 . 0	get it			
<hr/>					
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-03 28/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - this release:</i>		
	TP-06 completed 17/12/1999 3 . 1 . 0	get it			
	TP-09 04/10/2000 3 . 2 . 0	get it			

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.040 Technical realization of Short Message Service (SMS)

R99 *current version:* 3.9.0

freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited

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

history (event, available, version, comments):

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0

freeze_meeting: SP-05

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited

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

history (event, available, version, comments):

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

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

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited

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

history (event, available, version, comments):

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

[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](#)

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	0	0	get it	<i>remarks - general:</i> Apr-2001: " Station Application" removed from title.
TP-04 (MExE R98 GSM 03.57)	18/06/1999	1	1	0	get it	<i>remarks - this release:</i>
TP-05	08/10/1999	1	5	0	get it	
TP-06 completed	17/12/1999	3	0	0	get it	
TP-07	15/03/2000	3	1	0	get it	
Editorial	15/03/2000	3	1	1	get it	
TP-08	23/06/2000	3	2	0	get it	
TP-09	16/10/2000	3	3	0	get it	
TP-11	27/03/2001	3	4	0	get it	

TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

R99 *current version:* 3.14.0 *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, comments):

SP-05	13/10/1999	3	1	0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-06	23/12/1999	3	2	0	get it	<i>remarks - this release:</i>
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	

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):
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, comments):
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](#)

TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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-09 26/10/2000 3 . 3 . 0 [get it](#)

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.15.0

WG (prime / other): N2 / -

rapporteur: HOMANN, Christian

ALCATEL SEL AG

freeze_meeting: SP-03

G: yes U: yes

MCC: JURISIC, Andrijana

history (event, available, version, comments):

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

[get it](#)

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

remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

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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: KYMALAINEN, Kimmo

history (event, available, version, comments):

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-16	21/06/2002	3	.	7	.	0
NP-18	07/01/2003	3	.	8	.	0

[get it](#)

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

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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

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

history (event, available, version, comments):

NP-03 23/04/1999 3 . 0 . 0
edito 06/06/2000 3 . 0 . 1
NP-08 23/06/2000 3 . 1 . 0
NP-17 24/09/2002 3 . 2 . 0

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

TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

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

history (event, available, version, comments):

NP-03 23/04/1999 3 . 0 . 0
NP-05 13/10/1999 3 . 1 . 0
NP-07 15/03/2000 3 . 2 . 0
NP-08 23/06/2000 3 . 3 . 0
NP-09 26/10/2000 3 . 4 . 0
NP-10 21/12/2000 3 . 5 . 0
NP-12 27/06/2001 3 . 6 . 0
NP-16 21/06/2002 3 . 7 . 0

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

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

R99 *current version:* 3.2.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

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

history (event, available, version, comments):

NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
NP-09 26/10/2000 3 . 2 . 0

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

TS 23.084 MultiParty (MPPTY) Supplementary Service; Stage 2

R99 *current version:* 3.2.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

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

history (event, available, version, comments):

NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
NP-09 26/10/2000 3 . 2 . 0

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

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

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TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.1.0	<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, comments):</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>			
	NP-09 26/10/2000 3 . 1 . 0	get it				
<hr/>						
TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.1.0	<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, comments):</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>			
	NP-09 26/10/2000 3 . 1 . 0	get it				
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
R99	<i>current version:</i> 3.1.0	<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, comments):</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>			
	NP-09 26/10/2000 3 . 1 . 0	get it				
<hr/>						
TS 23.088	Call Barring (CB) Supplementary Service; 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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-07 15/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-09 26/10/2000 3 . 2 . 0	get it				

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

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TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
NP-09 26/10/2000 3 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* CROOK, Mick ORANGE PCS LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
ETSI Publication 07/11/2000 3 . 2 . 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](#)

TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
NP-09 26/10/2000 3 . 2 . 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](#)

TS 23.094 Follow Me Stage 2

R99 *current version:* 3.2.0
freeze_meeting: SP-06
history (event, available, version, comments):
NP-06 17/12/1999 3 . 0 . 0
NP-07 15/03/2000 3 . 1 . 0
NP-09 26/10/2000 3 . 2 . 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. GSM only @TSG#5
[get it](#) *remarks - this release:* Transfer>TSG#6.
[get it](#)

TS 23.096 Name Identification Supplementary Service; Stage 2

R99 *current version:* 3.0.1
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0
edito 06/06/2000 3 . 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:* .

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

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ACTIVE specs R99 23 .- series
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TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2

R99 *current version:* 3.1.1 *WG (prime / other):* N4 / - *rapporteur:* HEWSON, Ruth VODAFONE Group Plc
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-05 13/10/1999 3 . 0 . 1 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 3 . 1 . 1 [get it](#)

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, comments):
First complete draft 13/06/1997 0 . 1 . 0 [get it](#) *remarks - general:*
Transfer to SP SA 04/03/1999 0 . 1 . 1 [get it](#) *remarks - this release:*
WG2
SP-03 23/04/1999 3 . 0 . 0 [get it](#)
SP-04 23/06/1999 3 . 0 . 1 [get it](#)
SP-10 21/12/2000 3 . 1 . 0 [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, comments):
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* was 23.907
SP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
SP-07 15/03/2000 3 . 2 . 0 [get it](#)
SP-08 28/06/2000 3 . 3 . 0 [get it](#)
SP-09 19/10/2000 3 . 4 . 0 [get it](#)
SP-10 22/12/2000 3 . 5 . 0 [get it](#)
SP-11 14/05/2001 3 . 6 . 0 [get it](#)
SP-14 07/01/2002 3 . 7 . 0 [get it](#) CR072r1 erroneously implemented;
anticipate correction at SP-15.
SP-15 07/04/2002 3 . 8 . 0 [get it](#)
SP-17 24/09/2002 3 . 9 . 0 [get it](#)

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

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

TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-03	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.
	NP-05	13/10/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>
	NP-04	23/06/1999	3 . 0 . 0	get it	
	NP-06	17/12/1999	3 . 1 . 0	get it	
	NP-07	15/03/2000	3 . 2 . 0	get it	
<hr/>					
TS 23.110	UMTS Access Stratum Services and Functions				
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	draft	15/02/1997	0 . 3 . 0	get it	<i>remarks - general:</i>
	Transfer to SP S2	04/03/1999	0 . 3 . 1	get it	<i>remarks - this release:</i>
	SP-03	23/04/1999	3 . 1 . 0	get it	
	SP-05	13/10/1999	3 . 2 . 0	get it	
	SP-06	17/12/1999	3 . 3 . 0	get it	
	SP-07	15/03/2000	3 . 4 . 0	get it	
<hr/>					
TS 23.116	Super-Charger technical realization; Stage 2				
R99	<i>current version:</i> 3.2.0	<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-07	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-04	30/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5
	NP-06	17/12/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>
	NP-07	15/03/2000	3 . 0 . 0	get it	
	NP-12	27/06/2001	3 . 1 . 0	get it	
	NP-14	10/01/2002	3 . 2 . 0	get it	

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.119 Gateway Location Register (GLR); Stage2

R99 *current version:* 3.0.0

freeze_meeting: SP-07

history (event, available, version, comments):

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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TS 23.121 Architectural requirements for Release 1999

R99 *current version:* 3.6.0

freeze_meeting: SP-04

history (event, available, version, comments):

First complete draft	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 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK

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

[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 access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

R99 *current version:* 3.9.0 *WG (prime / other):* N1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation
freeze_meeting: SP-03 *G:* *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-03	23/04/1999	3	0	0	get it <i>remarks - general:</i>
NP-04	23/06/1999	3	1	0	get it <i>remarks - this release:</i> Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo
editorial correction	10/02/2000	3	1	1	get it erroneously incorporated CR.
NP-07	15/03/2000	3	2	0	get it
NP-08	23/06/2000	3	3	0	get it
NP-09	06/10/2000	3	4	0	get it
edito	24/10/2000	3	4	1	get it
edito	02/11/2000	3	4	2	get it
NP-10	02/01/2001	3	5	0	get it
NP-11	11/04/2001	3	6	0	get it
NP-12	05/07/2001	3	7	0	get it
NP-17	17/09/2002	3	8	0	get it
NP-18	18/12/2002	3	9	0	get it

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, Christophe ERICSSON RESEARCH CANADA
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-05	13/10/1999	0	3	0	get it <i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.
SP-07		2	0	0	SP-000089 <i>remarks - this release:</i>
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, comments):

NP-07	15/03/2000	1	1	0	get it <i>remarks - general:</i>
NP-07	15/03/2000	3	0	0	get it <i>remarks - this release:</i>
NP-08	23/06/2000	3	1	0	get it
NP-09	25/10/2000	3	2	0	get it

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

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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, comments):

TP-03	23/04/1999	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	2 . 0 . 0	get it	TP-000028
Editorial	15/03/2000	3 . 0 . 1	get it	
TP-16	24/06/2002	3 . 1 . 0	get it	

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

R99 *current version:* 3.9.0 *WG (prime / other):* S2 / - *rapporteur:* KÄLL, Jan NOKIA Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-05	13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>
SP-06	17/12/1999	1 . 1 . 0	get it	<i>remarks - this release:</i>
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	

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, comments):

NP-05	08/10/1999	0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5
NP-06	17/12/1999	3 . 0 . 0	get it	<i>remarks - this release:</i> TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.
editorial (!)	24/01/2000	3 . 1 . 0	get it	

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.908	Technical report on Pre-Paging				
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-04	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 02/05/2000 3 . 0 . 1	get it			

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	<i>MCC:</i> KYMALAINEN, Kimmo	Chalmers	
	<i>history (event, available, version, comments):</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			

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	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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			

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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		
<hr/>						
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, comments):</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		
<hr/>						
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, comments):</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		
<hr/>						
TR 23.925	UMTS Core network based ATM transport					
R99	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-06		<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</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-03	23/04/1999	0 . 2 . 0	get it		

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.930 Iu Principles
R99 *current version:* 3.0.0
freeze_meeting: SP-04
history (event, available, version, comments):

Table of Contents and Scope	15/11/1997	0	1	1
First complete draft	01/04/1999	1	0	0
SP-03	23/04/1999	1	2	1
SP-04	23/06/1999	3	0	0

WG (prime / other): S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND
G: U: yes *MCC:* YOON, Sang-Ui

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

TR 23.972 Circuit switched multimedia telephony
R99 *current version:* 3.0.0
freeze_meeting: SP-07
history (event, available, version, comments):

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

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
G: U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* New after TSG#5. Minor title change TSG#7.
[get it](#) *remarks - this release:*
[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:* 3.1.0
freeze_meeting: SP-07
history (event, available, version, comments):

NP-07	17/03/2000	3	0	0
NP-10	02/01/2001	3	1	0

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: yes *MCC:* JORGENSEN, Per Johan

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

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

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ACTIVE specs R99 24 .- series
Server location: 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, comments):

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

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes *MCC:* JORGENSEN, Per Johan

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

[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 access.

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ACTIVE specs R99 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

R99 *current version:* 3.14.0 *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, comments):

NP-03	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to be
NP-04	23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i> 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	

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 Peter MOTOROLA A/S
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i>
NP-08	23/06/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>
NP-14	10/01/2002	3 . 2 . 0	get it	

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

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ACTIVE specs R99 24 .- series
Server location: 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 *current version:* 3.6.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-05
G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-05	13/10/1999	3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4
NP-06	17/12/1999	3 . 1 . 0	get it	<i>remarks - this release:</i>
NP-07	15/03/2000	3 . 2 . 0	get it	
NP-08	23/06/2000	3 . 3 . 0	get it	
NP-09	06/10/2000	3 . 4 . 0	get it	
NP-10	02/01/2001	3 . 5 . 0	get it	
NP-11	06/04/2001	3 . 6 . 0	get it	

TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

R99 *current version:* 3.4.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: SP-03
G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-03	23/04/1999	3 . 0 . 0	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	3 . 1 . 0	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) Interface".
NP-06	11/01/2000	3 . 2 . 0	get it	
NP-08	23/06/2000	3 . 3 . 0	get it	
edito	17/08/2000	3 . 3 . 1	get it	
NP-09	12/10/2000	3 . 4 . 0	get it	

TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-08
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-07	17/03/2000	3 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.
NP-08	23/06/2000	3 . 1 . 0	get it	<i>remarks - this release:</i> TSG#7:Decision to create.
NP-12	27/06/2001	3 . 2 . 0	get it	
NP-14	10/01/2002	3 . 3 . 0	get it	

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

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ACTIVE specs R99 24 .- series
Server location: 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, comments):
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, comments):
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, comments):
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, comments):
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 access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.082	Call Forwarding supplementary service; Stage 3					
R99	<i>current version:</i> 3.0.0	<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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.084	MultiParty (MPty) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.087	User-to-User Signalling (UUS); Stage 3					
R99	<i>current version:</i> 3.0.0	<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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3					
R99	<i>current version:</i> 3.0.0	<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, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

3GPP specification status

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ACTIVE specs R99 24 .- series
Server location: 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, comments):
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 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version, comments):
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 NTT COMWARE Corporation
G: *U:* yes *MCC:* KYMALAINEN, Kimmo

[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 access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

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

history (event, available, version, comments):

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
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

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete draft	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 access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.11.0

freeze_meeting: SP-05

history (event, available, version, comments):

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

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 access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 current version: 3.12.0

freeze_meeting: SP-05

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

First complete draft	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

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 current version: 3.5.0

freeze_meeting: SP-06

WG (prime / other): R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.11.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-06	17/12/1999	3 . 0 . 0	get it	<i>remarks - general:</i>
RP-07	17/03/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>
edito	27/04/2000	3 . 1 . 1	get it	
RP-08	23/06/2000	3 . 2 . 0	get it	
RP-09	11/10/2000	3 . 3 . 0	get it	
RP-10	22/12/2000	3 . 4 . 0	get it	
RP-11	05/04/2001	3 . 5 . 0	get it	
RP-12	29/06/2001	3 . 6 . 0	get it	
RP-13	03/10/2001	3 . 7 . 0	get it	
RP-14	16/01/2002	3 . 8 . 0	get it	
RP-15	19/03/2002	3 . 9 . 0	get it	
RP-16	03/07/2002	3 . 10 . 0	get it	
RP-17	04/10/2002	3 . 11 . 0	get it	

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

R99 *current version:* 3.12.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-06	17/12/1999	3 . 0 . 0	get it	<i>remarks - general:</i>
RP-07	17/03/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>
RP-08	23/06/2000	3 . 2 . 0	get it	
RP-09	18/10/2000	3 . 3 . 0	get it	
RP-10	09/01/2001	3 . 4 . 0	get it	
RP-11	05/04/2001	3 . 5 . 0	get it	
RP-12	29/06/2001	3 . 6 . 0	get it	
RP-13	03/10/2001	3 . 7 . 0	get it	
RP-14	17/01/2002	3 . 8 . 0	get it	
RP-15	19/03/2002	3 . 9 . 0	get it	
RP-16	04/07/2002	3 . 10 . 0	get it	
RP-17	04/10/2002	3 . 11 . 0	get it	
RP-18	10/01/2003	3 . 12 . 0	get it	

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base station conformance testing (FDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-06

history (event, available, version, comments):

Table of Contents and Scope	04/02/1999	0	0	1
First complete draft	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

WG (prime / other): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base station conformance testing (TDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-06

history (event, available, version, comments):

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

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

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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, comments):

Table of Contents and Scope	16/10/1998	0	0	0
First complete draft	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

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):</i>						
Table of Contents and Scope	04/02/1999	0 . 0 . 0	get it	<i>remarks - general:</i>		
First complete draft	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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: 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

WG (prime / other): R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited

G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

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TS 25.213 Spreading and modulation (FDD)

R99 *current version:* 3.8.0

freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG

G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.214 Physical layer procedures (FDD)

R99 *current version:* 3.11.0

freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation

G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.215 Physical layer; Measurements (FDD)

R99 *current version:* 3.11.0

freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation

G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.11.0 *WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
freeze_meeting: SP-05 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

Table of Contents and Scope	04/02/1999	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	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

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

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

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

[get it](#) *remarks - general:*
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: 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

history (event, available, version, comments):

Creation of WI by	15/01/1999	0	.	0	.	0
WG/TB						
First complete 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-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

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

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

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):
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

[get it](#) *remarks - general:*
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TS 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05
history (event, available, version, comments):
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

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

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remarks - this release:

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

Table of Contents and Scope	04/02/1999	0	0	0
First complete draft	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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remarks - this release:

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

Table of Contents and Scope	04/02/1999	0	0	0
First complete draft	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 access.

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete 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

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
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 access.

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ACTIVE specs R99 25 .- series
Server location: 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:* 3.12.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

Start of work	15/01/1999	0 . 1 . 1	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	1 . 2 . 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	16/10/2000	3 . 4 . 0	get it	
RP-10	22/12/2000	3 . 5 . 0	get it	
RP-11	27/03/2001	3 . 6 . 0	get it	
RP-12	27/06/2001	3 . 7 . 0	get it	
RP-13	02/10/2001	3 . 8 . 0	get it	
RP-14	04/01/2002	3 . 9 . 0	get it	
RP-15	19/03/2002	3 . 10 . 0	get it	
RP-16	17/06/2002	3 . 11 . 0	get it	
RP-18	08/01/2003	3 . 12 . 0	get it	

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-07 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-05	13/10/1999	1 . 4 . 0	get it	<i>remarks - general:</i> Created from 25.923
RP-06	17/12/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>
RP-07	15/03/2000	3 . 1 . 0	get it	
RP-08	23/06/2000	3 . 2 . 0	get it	
RP-09	16/10/2000	3 . 3 . 0	get it	
RP-10	22/12/2000	3 . 4 . 0	get it	
RP-11	27/03/2001	3 . 5 . 0	get it	
RP-12	19/06/2001	3 . 6 . 0	get it	
RP-14	04/01/2002	3 . 7 . 0	get it	
RP-15	19/03/2002	3 . 8 . 0	get it	

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-10	22/12/2000	3	.	0	.	0	
RP-11	27/03/2001	3	.	1	.	0	
RP-12	19/06/2001	3	.	2	.	0	
RP-13	02/10/2001	3	.	3	.	0	
RP-14	04/01/2002	3	.	4	.	0	
RP-15	19/03/2002	3	.	5	.	0	
RP-16	17/06/2002	3	.	6	.	0	
RP-18	08/01/2003	3	.	7	.	0	

[get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.
[get it](#) *remarks - this release:* Converted from TR 25.926 v3.2.0 Nov 00.
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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, comments):

RP-12	27/06/2001	2	.	0	.	0	RP-010326, to be approved RP-13.
RP-13	01/10/2001	2	.	1	.	0	RP-010557, but not for approval? -

requirements.

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

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

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.321 Medium Access Control (MAC) protocol specification

R99 *current version:* 3.14.0

freeze_meeting: TP-04

history (event, available, version, comments):

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

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

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remarks - this release:

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

R99 *current version:* 3.13.0

freeze_meeting: SP-05

history (event, available, version, comments):

Table of Contents and Scope	04/02/1999	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	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

WG (*prime / other*): R2 / -

G: U: yes

rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION

MCC: ARZELIER, Claude

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

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 / - *rapporteur:* HANS, Martin SIEMENS AG

G: *U:* yes *MCC:* ARZELIER, Claude

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TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.6.0

freeze_meeting: SP-06

history (event, available, version, comments):

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

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH

G: *U:* yes *MCC:* ARZELIER, Claude

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.331 Radio Resource Control (RRC) protocol specification

R99 *current version:* 3.13.0

freeze_meeting: SP-05

history (event, available, version, comments):

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete draft	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 520	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

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

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

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ACTIVE specs R99 25 .- series
Server location: 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

WG (prime / other): R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

Table of Contents and Scope	04/02/1999	0	0	0
First complete draft	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

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

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TS 25.402 Synchronisation in UTRAN Stage 2

R99 *current version:* 3.10.0

freeze_meeting: SP-06

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

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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

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

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: 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

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mmO2 plc

G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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

[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

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG

G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-03	23/04/1999	0	.	0	.	0
TB adoption of WI	15/01/1999	0	.	0	.	0
Creation of WI by WG/TB	15/01/1999	0	.	0	.	0
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

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

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 / - *rapporteur:* THAKARE, Kiran

G: U: yes *MCC:* KRAUSE, Joern

RadioScape Limited

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remarks - this release:

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TS 25.413 UTRAN Iu interface RANAP signalling

R99 *current version:* 3.12.0

freeze_meeting: SP-06

history (event, available, version, comments):

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	

WG (prime / other): R3 / - *rapporteur:* JUSSILA, Jyrki

G: U: yes *MCC:* KRAUSE, Joern

NOKIA Corporation

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remarks - this release:

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.414 UTRAN lu interface data transport & transport signalling

R99 *current version:* 3.12.0

freeze_meeting: SP-04

history (event, available, version, comments):

draft	04/02/1999	0	.	0	.	0
draft	04/03/1999	1	.	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	05/10/2000	3	.	5	.	0
RP-10	21/12/2000	3	.	6	.	0
RP-11	06/04/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	02/04/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0

WG (*prime / other*): R3 / - *rapporteur:* COMSTOCK, David Telefon AB LM Ericsson
G: U: yes *MCC:* KRAUSE, Joern

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

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ACTIVE specs R99 25 .- series
Server location: 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

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain
G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

history (event, available, version, comments):

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

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TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 current version: 3.10.0

freeze_meeting: SP-07

WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn
G: U: yes MCC: KRAUSE, Joern

MOTOROLA Ltd

history (event, available, version, comments):

RP-06	17/12/1999	0	0	0
RP-07		2	0	0
RP-07	15/03/2000	3	0	0
RP-08	23/06/2000	3	1	0
RP-09	05/10/2000	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
RP-13	12/10/2001	3	6	0
RP-14	11/01/2002	3	7	0
RP-15	02/04/2002	3	8	0
RP-16	28/06/2002	3	9	0
RP-17	30/09/2002	3	10	0

RP-000113

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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, comments):

RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	1	.	0	.	1
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	05/10/2000	3	.	2	.	0
RP-11	05/04/2001	3	.	3	.	0
RP-14	11/01/2002	3	.	4	.	0
RP-15	02/04/2002	3	.	5	.	0

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TS 25.421 UTRAN Iur interface Layer 1

R99 current version: 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V. SIEMENS AG

G: U: yes MCC: KRAUSE, Joern

history (event, available, version, comments):

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-11	06/04/2001	3	.	1	.	0

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TS 25.422 UTRAN Iur interface signalling transport

R99 current version: 3.6.1

freeze_meeting: SP-04

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran RadioScape Limited

G: U: yes MCC: KRAUSE, Joern

history (event, available, version, comments):

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.423 UTRAN Iur interface RNSAP signalling

R99 current version: 3.12.0

freeze_meeting: SP-06

WG (prime / other): R3 / - rapporteur: RUNE, Göran Ericsson AB
G: U: yes MCC: KRAUSE, Joern

history (event, available, version, comments):

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	4	.	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	02/01/2001	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	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: 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, comments):						
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, comments):						
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 access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: 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

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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:*
[get it](#)
[get it](#)

TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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

[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 access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN lub interface NBAP signalling

R99 *current version:* 3.12.0

freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* ISHIKAWA, Nobutaka NTT DoCoMo Inc

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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

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

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TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.8.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* ALDEN, Magnus TeliaSonera AB

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

draft	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
RP-07	15/03/2000	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-14	11/01/2002	3	.	6	.	0
RP-15	02/04/2002	3	.	7	.	0
RP-16	28/06/2002	3	.	8	.	0

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.435	UTRAN lub interface user plane protocols for CCH data streams						
R99	<i>current version:</i> 3.10.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>						
	RP-03 23/04/1999 0 . 1 . 0		get it	<i>remarks - general:</i>			
	RP-04 23/06/1999 0 . 2 . 1		get it	<i>remarks - this release:</i>			
	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				
<hr/>							
TS 25.442	UTRAN implementation-specific O&M transport						
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>						
	RP-03 23/04/1999 0 . 0 . 0		get it	<i>remarks - general:</i>			
	RP-04 23/06/1999 0 . 0 . 2		get it	<i>remarks - this release:</i>			
	RP-05 13/10/1999 3 . 0 . 0		get it				
	RP-07 15/03/2000 3 . 1 . 0		get it				
<hr/>							
TR 25.831	Study Items for future release						
R99	<i>current version:</i> 0.0.2	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-06		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>						
	RP-03 23/04/1999 0 . 0 . 0		get it	<i>remarks - general:</i>			
	RP-04 23/06/1999 0 . 0 . 2		get it	<i>remarks - this release:</i> .			

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.832 Manifestations of Handover and SRNS relocation

R99 *current version:* 3.0.0

freeze_meeting: SP-05

history (event, available, version, comments):

First complete draft	04/03/1999	0	.	0	.	0
WG approval	19/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	1
RP-05	13/10/1999	3	.	0	.	0

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mm02 plc
G: *U:* yes *MCC:* KRAUSE, Joern

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

TR 25.833 Physical layer items not for inclusion in Release 99

R99 *current version:* 1.1.0 DRAFT

freeze_meeting: SP-06

history (event, available, version, comments):

RP-08	12/01/2001	1	.	1	.	0
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WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:* Created Jan 2000 (aka R1.03)
remarks - this release:

TR 25.853 Delay budget within the access stratum

R99 *current version:* 3.1.0

freeze_meeting: RP-11

history (event, available, version, comments):

draft	06/04/2001	0	.	0	.	0
RP-10	22/12/2000	3	.	0	.	0
RP-11	06/04/2001	3	.	1	.	0

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

[get it](#) *remarks - general:* Was 25.932. Approved and renumbered at TSG#10.
[get it](#) *remarks - this release:* TSG#10:3.0.0 (is evidently R99 not Rel-4)
[get it](#)

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.921 Guidelines and principles for protocol description and error handling

R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude	
<i>history (event, available, version, comments):</i>				
Table of Contents and Scope	04/02/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i>
RP-03	23/04/1999	1 . 0 . 0	get it	
RP-05	13/10/1999	1 . 3 . 0	get it	
RP-06	12/12/1999	3 . 0 . 0	get it	
RP-07	15/03/2000	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-13	02/10/2001	3 . 5 . 0	get it	
RP-14	04/01/2002	3 . 6 . 0	get it	
RP-15	19/03/2002	3 . 7 . 0	get it	
RP-18	13/01/2003	3 . 8 . 0	get it	

TR 25.922 Radio Resource Management Strategies

R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude	
<i>history (event, available, version, comments):</i>				
First complete draft	04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i>
RP-03	23/04/1999	0 . 1 . 1	get it	
RP-04	23/06/1999	0 . 2 . 0	get it	
RP-05	13/10/1999	0 . 5 . 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	16/10/2000	3 . 3 . 0	get it	
RP-10	20/12/2000	3 . 4 . 0	get it	
RP-11	27/03/2001	3 . 5 . 0	get it	
RP-13	02/10/2001	3 . 6 . 0	get it	
RP-15	19/03/2002	3 . 7 . 0	get it	

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

First complete draft	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, comments):

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

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.941	Document structure				
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> TAKAMI, Tadao	NTT DoCoMo Inc	
	<i>freeze_meeting:</i> RP-06	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	RP-03 23/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	
	RP-04 23/06/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>	
	RP-05 13/10/1999	3 . 0 . 0	get it		
	RP-06 17/12/1999	3 . 1 . 0	get it		

TR 25.942	RF system scenarios				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	RP-03 23/04/1999	0 . 0 . 2	get it	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.
	RP-04 23/06/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>	
	RP-05 13/10/1999	2 . 0 . 0	get it		
	RP-06 12/12/1999	2 . 1 . 1	get it		
	RP-07 15/03/2000	2 . 1 . 3	get it		
	RP-09 26/10/2000	2 . 3 . 0	get it		
	RP-11 10/04/2001	3 . 0 . 0	get it		
	RP-12 03/07/2001	3 . 1 . 0	get it		
	RP-14 14/01/2002	3 . 2 . 0	get it		
	RP-16 03/07/2002	3 . 3 . 0	get it		

TR 25.944	Channel coding and multiplexing examples				
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>				
	editor's draft 25/11/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	Created Jan 2000 (aka R1.04)
	R1-09 15/12/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>	
	RP-07 16/03/2000	3 . 0 . 0	get it		
	RP-08 23/06/2000	3 . 1 . 0	get it		
	RP-09 18/10/2000	3 . 2 . 0	get it		
	RP-10 22/12/2000	3 . 3 . 0	get it		
	RP-11 06/04/2001	3 . 4 . 0	get it		
	edito 10/04/2001	3 . 4 . 1	get it		
	RP-12 28/06/2001	3 . 5 . 0	get it		

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

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ACTIVE specs R99 25 .- series
Server location: 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, comments):
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, comments):
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, comments):
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 access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1 *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, comments):

SP-03	23/04/1999	0	0	0	get it <i>remarks - general:</i> Transfer>TSG#4
SP-04	23/06/1999	1	0	0	get it <i>remarks - this release:</i>
SP-05	13/10/1999	2	0	0	get it
SP-06	17/12/1999	3	0	0	get it
Test sequences available	02/02/2000	3	0	1	get it
Test sequences corrected	14/09/2000	3	0	2	get it
SP-11	10/04/2001	3	1	0	get it
corrected test	04/07/2001	3	1	1	get it

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0 *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, comments):

SP-03	26/04/1999	1	0	0	get it <i>remarks - general:</i> Transfer>TSG#4
SP-04	23/06/1999	3	0	0	get it <i>remarks - this release:</i> .
SP-05	13/10/1999	3	0	1	get it
SP-06	17/12/1999	3	1	0	get it

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0 *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, comments):

SP-03	26/04/1999	1	0	0	get it <i>remarks - general:</i> Transfer>TSG#4
SP-04	23/06/1999	3	0	0	get it <i>remarks - this release:</i> .
SP-05	13/10/1999	3	0	1	get it
SP-06	17/12/1999	3	1	0	get it

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

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ACTIVE specs R99 26 .- series
Server location: 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, comments):
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, comments):
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 Lab S.p.A.
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
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, comments):
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 access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.102	AMR speech Codec; Interface to lu and Uu					
R99	current version: 3.3.0	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, comments):					
	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		
<hr/>						
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, comments):					
	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		
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
R99	current version: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: SP-07	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	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		

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

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ACTIVE specs R99 26 .- series
Server location: 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, comments):						
	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
<hr/>							
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, comments):						
	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
<hr/>							
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, comments):						
	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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):</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			
<hr/>						
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
R99	<i>current version:</i> 3.3.0	<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, comments):</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			
<hr/>						
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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series
Server location: 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, comments):
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.
[get it](#) *remarks - this release:* No Rel-4 version. Became 26.115.

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, comments):
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:* 3.11.0
freeze_meeting: SP-03
history (event, available, version, comments):
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

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 27 .- series
Server location: 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, comments):

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 . 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, comments):

NP-03	23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i>
NP-04	23/06/1999	3 . 1 . 0	get it	<i>remarks - this release:</i>
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 Teleca Limited
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i>
TP-04	18/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>
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 access.

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ACTIVE specs R99 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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

R99 *current version:* 3.12.0

freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS

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

history (event, available, version, comments):

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

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

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

R99 *current version:* 3.4.0

freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute

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

history (event, available, version, comments):

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

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

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

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ACTIVE specs R99 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services						
R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>						
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i> GPRS				
	NP-04 23/06/1999 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-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					

TS 27.103	Wide Area Network Synchronization						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHAU, Alan	NOKIA UK Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	TP-05 08/10/1999 3 . 0 . 0	get it	<i>remarks - general:</i>				
	TP-09 16/10/2000 3 . 1 . 0	get it	<i>remarks - this release:</i> TSG#8:3.1.0 but this CR not impementable.				

TR 27.901	Report on Terminal Interfaces - An Overview						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	TP-03 23/04/1999 0 . 0 . 1	get it	<i>remarks - general:</i>				
	TP-04 18/06/1999 1 . 0 . 0	get it	<i>remarks - this release:</i> .				
	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	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> SP-05	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	TP-03 23/04/1999 0 . 0 . 0	get it	<i>remarks - general:</i>				
	TP-05 08/10/1999 3 . 0 . 0	get it	<i>remarks - this release:</i> .				

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

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ACTIVE specs R99 29 .- series
Server location: 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 Network
R99	<i>current version:</i> 3.11.0
	<i>WG (prime / other):</i> N3 / -
	<i>freeze_meeting:</i> SP-03
	<i>rapporteur:</i> KLEHN, Norbert
	<i>SIEMENS AG</i>
	<i>G: yes U: yes</i>
	<i>MCC:</i> BOSWARTHICK, David
<i>history (event, available, version, comments):</i>	
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

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	<i>current version:</i> Procedures and the Mobile Application Part (MAP)
	<i>3.10.0WG (prime / other):</i> N4
	<i>rapporteur:</i> KYMALAINEN, Kimmo
	<i>TeliaSonera AB</i>
	<i>freeze_meeting:</i> SP-05
	<i>G: yes U: yes</i>
	<i>MCC:</i> KYMALAINEN, Kimmo
<i>history (event, available, version, comments):</i>	
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

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

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ACTIVE specs R99 29 .- series
Server location: 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, comments):
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, comments):
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, comments):
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, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: 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

R99 *current version:* 3.15.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i>
NP-04	23/06/1999	3 . 1 . 0	get it	<i>remarks - this release:</i>
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	

TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)

R99 *current version:* 3.11.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-03	23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the Public
NP-04	23/06/1999	3 . 1 . 0	get it	<i>remarks - this release:</i> 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	

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

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	<i>current version:</i> 3.14.0	<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, comments):</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	

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	<i>current version:</i> 3.2.0	<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, comments):</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	

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>					
	NP-04	27/05/1999	0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5
	NP-06	15/12/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>
	NP-07	15/03/2000	3 . 0 . 0	get it	

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

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-04 27/05/1999 0 . 0 . 0	get it	<i>remarks - general:</i>	New after TSG#5			
	NP-06 15/12/1999 1 . 0 . 0	get it	<i>remarks - this release:</i>				
	NP-07 15/03/2000 3 . 0 . 0	get it					
	NP-09 25/10/2000 3 . 1 . 0	get it					
<hr/>							
TS 29.198	Open Service Architecture (OSI) Application Programming Interface (API) - Part 1						
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N5 / -	<i>rapporteur:</i> MOERDIJK, Ard-Jan	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	NP-07 13/03/2000 1 . 0 . 0	get it	<i>remarks - general:</i>	OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.			
	NP-08 23/06/2000 3 . 0 . 0	get it	<i>remarks - this release:</i>				
	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					
<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> SP-06	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>						
			<i>remarks - general:</i>				
			<i>remarks - this release:</i>	.			
<hr/>							
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> Skov	JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>						
	NP-16 26/06/2002 3 . 0 . 0	get it	<i>remarks - general:</i>	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to			
	edito post NP-18 16/12/2002 3 . 0 . 1	get it	<i>remarks - this release:</i>	. latest Release version.			
				to TR.			

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

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0

freeze_meeting: SP-08

WG (prime / other): N5 / - *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson

G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

[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

WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd

G: *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

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
TP-08	06/02/2000	3	.	2	.	0
TP-09	18/10/2000	3	.	3	.	0

completion target

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

3GPP specification status

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ACTIVE specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM Application

R99 *current version:* 3.11.0

freeze_meeting: SP-06

WG (prime / other): T3 / - *rapporteur:* HEIM, Christian

GIESECKE & DEVRIENT GmbH

G: *U:* yes

MCC: DIETZE, Claus

history (event, available, version, comments):

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

[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

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian

SchlumbergerSema - Schlumberger Systèmes S.A

G: *U:* yes

MCC: DIETZE, Claus

history (event, available, version, comments):

E-mailed to SP-T for information	15/11/1999	1	.	0	.	0
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

[get it](#)

remarks - general:

Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001:

remarks - this release:

Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

[get it](#)

[get it](#)

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

3GPP specification status

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ACTIVE specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	USIM Application Toolkit (USAT)					
R99	<i>current version:</i> 3.9.0	<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-07	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</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				

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>rapporteur:</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, comments):</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; USIM application test specification					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</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, comments):</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				

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

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ACTIVE specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 USIM conformance test specification

R99 current version: 3.5.0

freeze_meeting: SP-08

WG (prime / other): T3 / - rapporteur: KNIGHT, Simon

ASPECTS Software Ltd

G: U: yes

MCC: DIETZE, Claus

history (event, available, version, comments):

TP-09 18/10/2000 1 . 0 . 0

[get it](#)

remarks - general: based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split
remarks - this release: into two parts

TP-10 05/01/2001 2 . 0 . 0

[get it](#)

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](#)

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

freeze_meeting: SP-08

WG (prime / other): S5 / - rapporteur: BENDER, James

Nortel Networks (USA)

G: U: yes

MCC: ZOICAS, Adrian

history (event, available, version, comments):

SP-06 17/12/1999 3 . 0 . 0

[get it](#)

remarks - general:

SP-08 23/06/2000 3 . 1 . 0

[get it](#)

remarks - this release:

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 access.

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ACTIVE specs R99 32 .- series
Server location: 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:* 3.10.0 *WG (prime / other):* S5 / - *rapporteur:* LEHNERT, Matthias ALCATEL S.A.
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

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, comments):

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 access.

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ACTIVE specs R99 32 .- series
Server location: 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

WG (prime / other): S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB

G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

[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:* 3.5.0

freeze_meeting: SP-07

WG (prime / other): S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND

G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[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

WG (prime / other): S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd

G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

[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 access.

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-08: split into	23/06/2000	3 . 1 . 0	get it	<i>remarks - general:</i> TSG#8: split into eight parts
	parts				<i>remarks - this release:</i> 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	
<hr/>					
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-08: split into	23/06/2000	3 . 1 . 0	get it	<i>remarks - general:</i> TSG#8: split into eight parts
	parts				<i>remarks - this release:</i> 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	
<hr/>					
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1				
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-08: split into	23/06/2000	3 . 1 . 0	get it	<i>remarks - general:</i> TSG#8: split into eight parts
	parts				<i>remarks - this release:</i> 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				
<hr/>					
TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including NRM)				
R99	<i>current version:</i> version 1	3.2.0	<i>WG (prime / other):</i> S5	/ -	<i>rapporteur:</i> TOVINGER, Thomas
	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-10	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	draft	10/10/2000	1 . 0 . 1	get it	<i>remarks - general:</i> TSG#8: split into eight parts
	SP-10	21/12/2000	3 . 0 . 0	get it	<i>remarks - this release:</i> 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 access.

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ACTIVE specs R99 32 .- series
Server location: 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) CORBA solution set version 1:1

R99 *current version:* 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, comments):

draft	31/10/2000	0	1	0
SP-10	14/12/2000	3	0	0
SP-11	05/04/2001	3	1	0
SP-12	04/07/2001	3	2	0
SP-13	05/10/2001	3	3	0

[get it](#) *remarks - general:* TSG#8: split into eight parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
[get it](#)
[get it](#)
[get it](#)

TS 32.106-7 Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1

R99 *current version:* 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, comments):

draft	31/10/2000	0	1	0
SP-10	21/12/2000	3	0	0
SP-11	05/04/2001	3	1	0
SP-12	03/07/2001	3	2	0
SP-14	11/01/2002	3	3	0

[get it](#) *remarks - general:* TSG#8: split into eight parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
[get it](#)
[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, comments):

SP-08: split into parts	23/06/2000	3	1	0
SP-12	03/07/2001	3	2	0

[get it](#) *remarks - general:* TSG#8: split into eight parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0

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 Inc.
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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: split into parts	23/06/2000	3	1	0
SP-09	10/10/2000	3	2	0

[get it](#) *remarks - general:* TSG#8: split into 4 parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
[get it](#)
[get it](#)
[get it](#)

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

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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>
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

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: 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, comments):

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

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

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson

freeze_meeting: SP-08

G: *U:* yes

MCC: ZOICAS, Adrian

history (event, available, version, comments):

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: split into parts	23/06/2000	3	.	1	.	0
editorial	06/09/2000	3	.	1	.	1
SP-14	11/01/2002	3	.	2	.	0

[get it](#)

remarks - general: TSG#8: split into 4 parts

[get it](#)

remarks - this release: TSG#8: multipart split from parent 3.0.1

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R99

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

R99 current version: 3.13.0

freeze_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV

G: U: yes MCC: POPE, Maurice

history (event, available, version, comments):

Table of Contents and Scope	04/03/1999	0	0	1	get it	remarks - general: remarks - this release:
First complete draft	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	
SP-04	23/06/1999	3	1	0	get it	
SP-05	13/10/1999	3	2	0	get it	
SP-06	17/12/1999	3	3	0	get it	
SP-07	15/03/2000	3	4	0	get it	
SP-08	23/06/2000	3	5	0	get it	
SP-09	11/10/2000	3	6	0	get it	
SP-10	22/12/2000	3	7	0	get it	
SP-11	04/04/2001	3	8	0	get it	
SP-12	04/07/2001	3	9	0	get it	
SP-14	07/01/2002	3	10	0	get it	
SP-15	26/03/2002	3	11	0	get it	
SP-16	19/06/2002	3	12	0	get it	
SP-18	18/12/2002	3	13	0	get it	

TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze_meeting: SP-05

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc

G: U: yes MCC: POPE, Maurice

history (event, available, version, comments):

SP-04	23/06/1999	1	0	0	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	get it	
SP-07	15/03/2000	3	2	0	get it	
SP-08	23/06/2000	3	3	0	get it	
SP-09	11/10/2000	3	4	0	get it	
SP-11	30/03/2001	3	5	0	get it	
SP-12	04/07/2001	3	6	0	get it	
SP-13	03/10/2001	3	7	0	get it	

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

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic Algorithm requirements					
R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-04	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-06 17/12/1999 3 . 2 . 0	get it				
	SP-07 15/03/2000 3 . 3 . 0	get it				
	SP-08 23/06/2000 3 . 4 . 0	get it				
	SP-09 11/10/2000 3 . 5 . 0	get it				
	SP-10 22/12/2000 3 . 6 . 0	get it				
	SP-11 30/03/2001 3 . 7 . 0	get it				
	SP-12 04/07/2001 3 . 8 . 0	get it				
<hr/>						
TS 33.106	Lawful interception requirements					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 22/12/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 30/03/2001 3 . 2 . 0	get it				
	SP-13 03/10/2001 3 . 3 . 0	get it				
	SP-14 07/01/2002 3 . 4 . 0	get it				
	SP-15 26/03/2002 3 . 5 . 0	get it				

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

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.120	Security Objectives and Principles					
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-03					
	<i>history (event, available, version, comments):</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	Table of Contents and Scope	04/03/1999 0 . 0 . 1		get it	<i>remarks - general:</i>	
	First complete draft	26/03/1999 1 . 0 . 0		get it	<i>remarks - this release:</i> .	
	WG approval	26/03/1999 2 . 0 . 0		get it		
	SP-03	23/04/1999 3 . 0 . 0		get it		
<hr/>						
TR 33.901	Criteria for cryptographic Algorithm design process					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-04		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-03	23/04/1999 0 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-04	23/06/1999 3 . 0 . 0		get it	<i>remarks - this release:</i> .	
<hr/>						
TR 33.902	Formal Analysis of the 3G Authentication Protocol					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther		SIEMENS AG
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-05	13/10/1999 3 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-06	17/12/1999 3 . 1 . 0		get it	<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					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-07	17/03/2000 3 . 0 . 0 SP-000039		get it	<i>remarks - general:</i> TSG#7: S3-000105=NP-000049	
					<i>remarks - this release:</i> Formerly 33.904.	

R99

34 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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

3GPP specification status

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 current version: 3.10.0

WG (prime / other): T1 / -

rapporteur: CHALABI, Nuhman

Anite Telecoms Ltd.

freeze_meeting: SP-08

G: U: yes

MCC: SALMERON, Lidia

history (event, available, version, comments):

Start of work		0	.	0	.	1				remarks - general:
TP-07	15/03/2000	1	.	0	.	0	TP-000032			remarks - this release: TSG#8:aprvl is controversial
editorial tidy up	23/03/2000	1	.	0	.	1		get it		
TP-08		2	.	0	.	0		get it		
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		

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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. TSG#9: <i>remarks - this release:</i> 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	

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.11.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

TP-03	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
TP-04	18/06/1999	1 . 0 . 1	get it	<i>remarks - this release:</i>
TP-05	08/10/1999	1 . 2 . 0	get it	
TP-06	17/12/1999	1 . 5 . 0	get it	
TP-07	15/03/2000	2 . 0 . 0	get it	
TP-07	15/03/2000	3 . 0 . 0	get it	
Editorial	15/03/2000	3 . 0 . 1	get it	
TP-08	23/06/2000	3 . 1 . 0	get it	
TP-09	05/10/2000	3 . 2 . 0	get it	
TP-10	21/12/2000	3 . 3 . 0	get it	
TP-11	28/03/2001	3 . 4 . 0	get it	
TP-12	18/06/2001	3 . 5 . 0	get it	
TP-13	03/10/2001	3 . 6 . 0	get it	
TP-14	09/01/2002	3 . 7 . 0	get it	
TP-15	20/03/2002	3 . 8 . 0	get it	
TP-16	17/06/2002	3 . 9 . 0	get it	
TP-17	05/09/2002	3 . 10 . 0	get it	
TP-18	18/12/2002	3 . 11 . 0	get it	

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99 *current version:* 3.10.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-08 G: U: yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

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	

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, comments):

TP-03	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
TP-05	08/10/1999	0 . 0 . 4	get it	<i>remarks - this release:</i>
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	

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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, comments):

TP-03	23/04/1999	0	0	1	get it <i>remarks - general:</i>
TP-05	08/10/1999	0	0	6	get it <i>remarks - this release:</i> 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

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99 *current version:* 3.0.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* U: yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

TP-03	23/04/1999	0	0	0	get it <i>remarks - general:</i>
Start work if STF		0	0	1	<i>remarks - this release:</i>
fund +T2 input avail.					
TP-11	28/03/2001	1	0	0	get it
TP-12	28/06/2001	1	0	3	TP-010124 get it
draft	11/10/2001	1	0	5	get it
TP-18	16/12/2002	2	0	0	text = TP-020301 (see also TP-020302), ttcn = TP-020320 which will be available by 2002-12-20. get it
TP-18	18/12/2002	3	0	0	Availability delayed pending availability of .mp file. get it

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

R99 *current version:* 3.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

TP-03	23/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i> T1->R4@TSG#10
draft	15/07/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>
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 meeting-08	28/02/2000	2 . 0 . 0	get it	
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	

TR 34.901 Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance

R99 *current version:* none *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, comments):

remarks - general: 2002-09-16: 34.801 -> 34.901.
remarks - this release: 2002-09-26: Anticipate approval at TP-18.

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 Company
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	23/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i>
TP-05	08/10/1999	3 . 0 . 0	get it	<i>remarks - this release:</i> .

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* JOHNSSON, Sven Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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, comments):
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](#)

TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification

R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, comments):
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](#)

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

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ACTIVE specs R99 35 .- series
Server location: 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
R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-07 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):
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 16/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)

TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data
R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-07 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):
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](#)

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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, comments):
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 access.

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ACTIVE specs R98 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R98	<i>current version:</i> 7.0.1	<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>history (event, available, version, comments):</i>	G: yes U:	MCC:	POPE, Maurice		
	smg-25 20/03/1998 7 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-26 26/06/1998 7 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TR 01.33	Lawful Interception requirements for GSM					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MESSIET, Samira	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>					
	smg-28 1 . 0 . 0			<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - this release:</i>		
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	upgrade to R98 04/10/2001 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

R98

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 access.

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ACTIVE specs 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	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		
<hr/>						
TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 13/12/1999 7 . 0 . 2		get it			
<hr/>						
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 02.04	General on Supplementary Services					
R98	<i>current version:</i> 7.1.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		
	smg-29 25/06/1999 7 . 1 . 1		get it			
	ETSI publication 28/12/1999 7 . 1 . 2		get it			
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TS 02.06	Types of Mobile Stations (MS)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 29/12/1999 7 . 0 . 1		get it	<i>remarks - this release:</i>		

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

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TS 02.07	Mobile Station (MS) Features					
R98	<i>current version:</i> 7.1.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 03/08/1999 7 . 0 . 1			get it	<i>remarks - this release:</i>	
	SP-07 15/03/2000 7 . 1 . 0			get it		
<hr/>						
TS 02.09	Security aspects					
R98	<i>current version:</i> 7.1.1	WG (prime / other):	S3 / S1 / NP	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	Telia Promotor AB
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</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>	
	smg-31 16/02/2000 7 . 1 . 0			get it		
	ETSI publication 29/08/2000 7 . 1 . 1			get it		
<hr/>						
TS 02.11	Service Accessibility					
R98	<i>current version:</i> 7.1.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	EVEN, Anne	France Telecom
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 03/08/1999 7 . 0 . 1			get it	<i>remarks - this release:</i>	
	SP-11 02/04/2001 7 . 1 . 0			get it		
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TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R98	<i>current version:</i> 7.2.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	EVEN, Anne	France Telecom
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</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>	
	SP-08 23/06/2000 7 . 2 . 0			get it		

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

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Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i>	T3 / S1	<i>rapporteur:</i>	HOOKER, Philip	ORANGE PCS LTD
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version, comments):</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 . 1 . 1			get it		
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TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i> SMG9->T3@#31	
	smg-29 25/06/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	
<hr/>						
TS 02.22	Stage 1 for personalisation of GSM ME					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	DURAND, Romain	ALCATEL S.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
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, comments):</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, comments):</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		

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

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ACTIVE specs R98 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					
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, comments):</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				
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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, comments):</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				
<hr/>						
TS 02.33	Lawful Interception (LI); Stage 1					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>				
	smg-25 20/03/1998 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				
	editorial 7 . 2 . 1					
	smg-29 25/06/1999 7 . 3 . 0	get it				
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TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</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 access.

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TS 02.40	Procedures for Call Progress Indications					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / NP	<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, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i>	
	edito 28/07/1999 7 . 0 . 1			get it	<i>remarks - this release:</i>	
TS 02.41	Operator Determined Barring					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,			BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R98	<i>current version:</i> 7.0.0	<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, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi			NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 7 . 0 . 0				<i>remarks - general:</i>	
	smg-28 7 . 1 . 0				<i>remarks - this release:</i>	
	SP-05 7 . 2 . 0					
	SP-08 07/09/2000 7 . 3 . 0			get it		
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel			MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> SMG9->T3@#31	
					<i>remarks - this release:</i>	

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TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paulino		
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30		
	ETSI publication 16/08/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>		
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TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1				
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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: 7.2.0		
	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			
<hr/>					
TS 02.57	Mobile Station Application Execution Environment (MEExE) 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	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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		
<hr/>					
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	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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			

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Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
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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, comments):</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
<hr/>						
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, comments):</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	<i>current version:</i> 7.0.2	<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, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	edito 25/06/1999 7 . 0 . 1			get it	<i>remarks - this release:</i>	
	publish EN 300 925 24/08/2000 7 . 0 . 2			get it		
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TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R98	<i>current version:</i> 7.0.2	<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, comments):</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:</i>	#28: 7.0.0
	ETSI publication 29/12/1999 7 . 0 . 2			get it		

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

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TS 02.72	Call Deflection Service description; Stage 1				
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 7 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-27 16/10/1998 7 . 1 . 0		get it	<i>remarks - this release:</i> #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0	
	smg-28 12/02/1999 7 . 2 . 0		get it		
	smg-29 25/06/1999 7 . 2 . 1		get it		
<hr/>					
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-10 12/01/2001 7 . 1 . 0		get it	<i>remarks - this release:</i>	
	SP-14 14/01/2002 7 . 2 . 0		get it		
<hr/>					
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)				
R98	<i>current version:</i> 7.0.0	<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-29	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> #29: 7.0.0	
<hr/>					
TS 02.81	Line Identification Supplementary Services; Stage 1				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> #29: 7.0.0	
<hr/>					
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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:</i> #28: 7.0.0	

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

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):					
	smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
TS 02.84	MultiParty (MPY) 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, comments):					
	smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
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, comments):					
	smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
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, comments):					
	smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
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, comments):					
	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 16/12/1999 7 . 1 . 2					
				get it	remarks - general:	
				get it	remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1	
				get it		
				get it		

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

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.88	Call Barring (CB) Supplementary Services; 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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.96 Name Identification Supplementary Services; Stage 1

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-25 20/03/1998 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 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:* #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
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 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
remarks - this release: #29:7.0.0

TS 03.02 Network Architecture

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0
SP-06 17/12/1999 7 . 1 . 0

WG (prime / other): S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #29: 7.0.0 S#6: 7.1.0

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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, comments):

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-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, comments):

smg-29	25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release: #29: 7.0.0</i>

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, comments):

smg-29	25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>
NP-06	15/12/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data				
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf ALCATEL SEL AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version, comments):				
	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 17/12/1999 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	

TS 03.09	Handover Procedures				
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND, Rouzbeh Ericsson Incorporated
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version, comments):				
	smg-29 25/06/1999 7 . 0 . 0			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	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David
	history (event, available, version, comments):				
	smg-27 16/10/1998 7 . 0 . 0			get it	remarks - general:
	smg-29 26/06/1999 7 . 0 . 1			get it	remarks - this release:

TS 03.11	Technical Realization of Supplementary Services - General Aspects				
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, comments):				
	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 03.12	Location Registration Procedures				
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, comments):				
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:
					remarks - this release: #29: 7.0.0

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: *MCC:* USAI, Paolino

Telecom Italia Lab S.p.A.

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R98 *current version:* 7.0.1
freeze_meeting: smg-29
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0
edito 10/08/1999 7 . 0 . 1

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: *MCC:* JORGENSEN, Per Johan

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 7.0.0

TS 03.15 Technical Realization of Operator Determined Barring

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David
G: yes U: *MCC:* CHALMERS, Kimmo

VODAFONE LTD

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.16 Subscriber Data Management

R98 *current version:* 7.6.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
NP-06 15/12/1999 7 . 2 . 0
NP-07 15/03/2000 7 . 3 . 0
NP-09 31/10/2000 7 . 4 . 0
NP-11 02/04/2001 7 . 5 . 0
NP-17 17/09/2002 7 . 6 . 0

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

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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, comments):				KYMALAINEN, Kimmo	
	smg-28 12/02/1999					get it remarks - general:
	smg-29 25/06/1999					get it remarks - this release:
	NP-05 08/10/1999					get it
	NP-07 15/03/2000					get it
	NP-09 31/10/2000					get it
<hr/>						
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, comments):					
	smg-28 12/02/1999					get it remarks - general: SMG9->T3@#31
	smg-29 25/06/1999					get it remarks - this release:
	smg-31 16/02/2000					get it
	TP-08 23/06/2000					get it
	TP-08 28/09/2000					get it
	TP-10 07/03/2001					get it
	TP-11 27/07/2001					get it
<hr/>						
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	G: yes	GP	MCC:	Sebastien	
	history (event, available, version, comments):				POPE, Maurice	
	smg-28 12/02/1999					get it remarks - general:
	smg-29 25/06/1999					get it remarks - this release: #32:7.3.0? - status of CRs unclear.
	smg-30 11/11/1999					get it
						CR at smg-32 would have created 7.3.0, but unclear whether or not approved

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ACTIVE specs R98 03 .- series
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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29		Skov				
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>	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	<i>remarks - this release:</i>	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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29		Skov				
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-31 16/02/2000 7 . 1 . 0	get it	<i>remarks - this release:</i>	#29: 7.0.0 #31:7.1.0			
<hr/>							
TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2						
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new			
	<i>freeze_meeting:</i> smg-29			One			
		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	smg-26 26/06/1998 7 . 0 . 0	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>	publication. Work continues in 43.031. SP-18: in fact, in 23.031.			

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.32	Universal Geographical Area Description (GAD)				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-08 23/06/2000 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	SP-18 09/01/2003 7 . 2 . 0	get it			
<hr/>					
TS 03.33	Lawful Interception; Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</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> #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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 03.35	Immediate Service Termination (IST); Stage 2				
R98	<i>current version:</i> 7.0.1	<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	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 30/10/2001 7 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
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	Teleca Limited	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</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			

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Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)								
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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				
	smg-29 25/06/1999 7 . 1 . 1			get it					

TR 03.43	Support of Videotex								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-08	G: yes U:		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #29: 7.0.0				

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> SP-08				
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i>	RODERMUND, Friedhelm	
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
<hr/>					
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>	G: yes U:			
	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 03.46	Technical Realization of Facsimile Group 3 Service - non transparent				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>	G: yes U:			
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
<hr/>					
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> SP-08				
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i>	RODERMUND, Friedhelm	
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
<hr/>					
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version, comments):</i>	G: yes U:			
	smg-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i> SMG9->T3@#31	
	smg-29 25/06/1999 7 . 0 . 1		get it	<i>remarks - this release:</i>	

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R98	current version: 7.0.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	freeze_meeting: SP-08				
	history (event, available, version, comments):	G: yes U:	MCC: RODERMUND, Friedhelm		
	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 Lab S.p.A.	
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, comments):				
	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, comments):				
	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
<hr/>					
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, comments):				
	smg-25 20/03/1998 7 . 0 . 0				get it remarks - general: Mar00: prime responsibility txfrd to SMG11
	smg-29 25/06/1999 7 . 0 . 1				get it remarks - this release: #25: 7.0.0

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ACTIVE specs R98 03 .- series
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TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> 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, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI PE 26/05/1999 7 . 0 . 1	get it	<i>remarks - this release:</i> #27: for info #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			
<hr/>					
TS 03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-06 15/12/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #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-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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		

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ACTIVE specs R98 03 .- series
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TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R98 *current version: 7.9.0* WG (prime / other): S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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, comments):

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, comments):

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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ACTIVE specs R98 03 .- series
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TS 03.66	Support of GSM Mobile Number Portability (MNP); Stage 2				
R98	<i>current version:</i> 7.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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> #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	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-07 17/03/2000 7 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-10 21/12/2000 7 . 2 . 0		get it		
<hr/>					
TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-07 15/12/1999 7 . 1 . 0		get it	<i>remarks - this release:</i> #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	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-07 15/03/2000 7 . 1 . 0		get it	<i>remarks - this release:</i> #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, comments):
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, comments):
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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version, comments):
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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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version: 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, comments):

smg-28	12/02/1999	7	.	0	.	0	get it <i>remarks - general:</i> 2001-10-11: S2->N4 to align with ownership of 23.073.
smg-29	25/06/1999	7	.	1	.	0	get it <i>remarks - this release:</i> #27: for info
smg-30	11/11/1999	7	.	2	.	0	get it

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version: 7.8.1* WG (prime / other): N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-29 G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-28	12/02/1999	7	.	0	.	0	get it <i>remarks - general:</i>
ETSI publication	16/08/1999	7	.	0	.	1	get it <i>remarks - this release:</i>
smg-29	25/06/1999	7	.	1	.	0	get it
NP-05	13/10/1999	7	.	2	.	0	get it
NP-07	17/03/2000	7	.	3	.	0	get it
NP-08	23/06/2000	7	.	4	.	0	get it
NP-10	04/01/2001	7	.	5	.	0	get it
NP-12	02/07/2001	7	.	6	.	0	get it
visible figures	04/07/2001	7	.	6	.	1	get it
NP-14	04/01/2002	7	.	7	.	0	get it
NP-16	17/06/2002	7	.	8	.	0	get it
Editorial correction to SDLs	21/08/2002	7	.	8	.	1	get it

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version: 7.3.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* Chalmers KYMALAINEN, Kimmo

history (event, available, version, comments):

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> #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 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

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

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.1	<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, comments):</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>	
<hr/>					
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
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, comments):</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 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 03.84	Multi Party (MPTY) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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		
<hr/>					
TS 03.87	User-to-user signalling (UUS); Stage 2				
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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:</i> #28: 7.0.0		
	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:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 03.90	Unstructured Supplementary Service Data (USSD)				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mm02 plc	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		

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

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ACTIVE specs R98 03 .- series
Server location: 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, comments):
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, comments):
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:* HEWSON, Ruth VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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](#)

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

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ACTIVE specs R98 04 .- series
Server location: 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

R98 *current version: 7.2.1* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

smg-29	25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>
ETSI publication	14/12/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>
smg-31	16/02/2000	7 . 1 . 0	get it	
Editorial correction	16/02/2000	7 . 1 . 1	get it	
ETSI publication	29/09/2000	7 . 1 . 2	get it	
GP-03	31/01/2001	7 . 2 . 0	get it	
edito	31/01/2001	7 . 2 . 1	get it	

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, comments):

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-06	15/12/1999	7 . 3 . 0	get it	

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

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.19.0

freeze_meeting: smg-29

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-28	12/02/1999	7 . 0 . 0	get it	remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen remarks - this release: (even numbered CRs!)
smg-29	25/06/1999	7 . 1 . 0	get it	
edito	15/07/1999	7 . 1 . 1	get it	
ETSI OAP	11/08/1999	7 . 1 . 2	get it	
ETSI publication	29/12/1999	7 . 1 . 3	get it	
NP-05	08/10/1999	7 . 2 . 0	get it	
smg-30 bis	06/12/1999	7 . 3 . 0	get it	
NP-06	15/12/1999	7 . 4 . 0	get it	
ETSI publication	20/09/2000	7 . 4 . 2	get it	
smg-31	16/02/2000	7 . 5 . 0	get it	
edito	20/02/2000	7 . 5 . 1	get it	
NP-07	15/03/2000	7 . 6 . 0	get it	
ETSI publicaton	05/10/2000	7 . 6 . 1	get it	
smg-31 bis	17/04/2000	7 . 7 . 0	get it	
smg-32	28/06/2000	7 . 8 . 0	get it	
GP-01/NP-09	12/10/2000	7 . 9 . 0	get it	
edito	02/11/2000	7 . 9 . 1	get it	
NP-10	02/01/2001	7 . 10 . 0	get it	
GP-04	11/04/2001	7 . 11 . 0	get it	
GP-05	18/06/2001	7 . 12 . 0	get it	
NP-12	13/07/2001	7 . 13 . 0	get it	
GP-06	14/09/2001	7 . 14 . 0	get it	
GP-07	04/01/2002	7 . 15 . 0	get it	
NP-14	07/01/2002	7 . 16 . 0	get it	
GP-08	19/02/2002	7 . 17 . 0	get it	
NP-17	17/09/2002	7 . 18 . 0	get it	
NP-18	18/12/2002	7 . 19 . 0	get it	

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

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ACTIVE specs R98 04 .- series
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TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R98 *current version:* 7.1.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: KYMALAINEN, Kimmo
history (event, available, version, comments):
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](#)

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, comments):
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:*

TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R98 *current version:* 7.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
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 04.13 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, comments):
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

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

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G2 / -	<i>rporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</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>			
	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	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 7 . 0 . 1		<i>remarks - this release: #27: 7.0.0 TSG#8:7.1.0</i>			
	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 Switching					
R98	<i>current version:</i> Centre (BSS - MSC) interface	7.1.0	<i>WG (prime / other):</i> N3	/-	<i>rporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-06 15/12/1999 7 . 1 . 0	get it	<i>remarks - this release: #28: 7.0.0 TSG#6: 7.1.0</i>			

TS 04.30	Location Services (LCS); Supplementary service operations; Stage 3					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N4 / -	<i>rporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-30 bis 06/12/1999 7 . 0 . 1	get it	<i>remarks - general:</i> Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3 and			
	smg-31 16/02/2000 7 . 1 . 0	get it	<i>remarks - this release:</i> 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				

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

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ACTIVE specs R98 04 .- series
Server location: 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)				
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, comments):</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, comments):</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, comments):</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	

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

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ACTIVE specs R98 04 .- series
Server location: 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, comments):
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, comments):
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, comments):
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 access.

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ACTIVE specs R98 04 .- series
Server location: 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	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>	
	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	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.	
	smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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	

TS 04.68	Group Call Control (GCC) Protocol				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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>	
	NP-07 15/03/2000	7 . 2 . 0	get it		

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

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.69	Broadcast Call Control (BCC) protocol				
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia Nortel Networks (USA)
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan
	<i>history (event, available, version, comments):</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>
	NP-07 15/03/2000 7 . 2 . 0			get it	
<hr/>					
TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification				
R98	<i>current version: 7.5.0</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels Peter MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	Skov THOMASEN, Gert
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 1 . 0 . 0			get it	<i>remarks - general:</i> Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - this release:</i>
	smg-30 bis 15/12/1999 7 . 1 . 1			get it	
	smg-32 28/06/2000 7 . 2 . 0			get it	
	GP-05 18/06/2001 7 . 3 . 0			get it	
	GP-07 08/01/2002 7 . 4 . 0			get it	
	GP-10 22/07/2002 7 . 5 . 0			get it	
<hr/>					
TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3				
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, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>
	ETSI publication 30/10/2001 7 . 0 . 1			get it	<i>remarks - this release:</i> #27: for info #28: 7.0.0
<hr/>					
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding				
R98	<i>current version: 7.4.0</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, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>
	NP-06 15/12/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>
	NP-07 15/03/2000 7 . 2 . 0			get it	
	NP-08 21/06/2000 7 . 3 . 0			get it	
	NP-09 28/09/2000 7 . 4 . 0			get it	

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

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.81	Line Identification Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	Publication 12/01/2000 7 . 0 . 1		get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>						
TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	<to be defined> 14/12/1999 7 . 0 . 2		get it	<i>remarks - this release:</i> #28: 7.0.0		
<hr/>						
TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	Publication 12/01/2000 7 . 0 . 1		get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>						
TS 04.84	Multi Party (MPPTY) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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		
<hr/>						
TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #29: 7.0.0		

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TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>		
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TS 04.87	User-to-User Signalling (UUS) Supplementary Service; Stage 3					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 16/12/1999 7 . 0 . 2		get it	<i>remarks - this release: #28: 7.0.0</i>		
<hr/>						
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 04.90	Unstructured Supplementary Service Data (USSD)					
R98	<i>current version:</i> 7.0.1	<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, comments):</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 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>		

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

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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, comments):
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, comments):
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, comments):
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 access.

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Server location: 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

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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

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TS 05.03 Channel coding

R98 *current version: 7.3.1*

freeze_meeting: smg-29

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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

[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

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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

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

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3GPP specification status

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ACTIVE specs R98 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R98 *current version: 7.9.0*

freeze_meeting: smg-29

history (event, available, version, comments):

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:*

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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, comments):

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](#)

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3GPP specification status

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ACTIVE specs R98 05 .- series
Server location: 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	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>history (event, available, version, comments):</i>	<i>G: yes U:</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> 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>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i>	USAI, Paolino	
	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	

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ACTIVE specs R98 05 .- series
Server location: 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:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	Upgrade to 30/03/2000 7 . 0 . 0	get it	<i>remarks - general:</i>		
	Release 98		<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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino	Skov	
	<i>history (event, available, version, comments):</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> #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 Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</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>		
	ETSI Publication 05/09/2000 7 . 1 . 1	get it			
<hr/>					
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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</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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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 14/12/1999 7 . 0 . 2			get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>						
TS 06.02	Half Rate Speech Processing Functions					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 14/12/1999 7 . 0 . 2			get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 20/01/2000 7 . 0 . 1			get it	<i>remarks - this release:</i> #29: 7.0.0	
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 20/01/2000 7 . 0 . 1			get it	<i>remarks - this release:</i> #29: 7.0.0	
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> #29: 7.0.0	

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ACTIVE specs R98 06 .- series
Server location: 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, comments):

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 files	29/03/2000	7	.	0	.	3
inclusion of doc file	31/05/2000	7	.	0	.	4
(!)						
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:*

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TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R98 *current version: 7.0.1*

freeze_meeting: smg-29

history (event, available, version, comments):

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, comments):

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, comments):

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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ACTIVE specs R98 06 .- series
Server location: 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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 17/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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		
<hr/>					
TS 06.32	Voice Activity Detection (VAD)				
R98	<i>current version:</i> 7.0.1	<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-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 13/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1	<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-29	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0			
	smg-32 20/06/2000 7 . 1 . 0	get it				
	ETSI publication 30/11/2000 7 . 1 . 1	get it				
	SP-10 20/12/2000 7 . 2 . 0	get it				
<hr/>						
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
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:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>			
	SP-10 20/12/2000 7 . 2 . 0	get it				

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> #29: 7.0.0	
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
R98	<i>current version:</i> 7.0.2	<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, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 13/12/1999 7 . 0 . 2			get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>						
TS 06.61	Substitution and muting of lost frames 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, comments):</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	
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) 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, comments):</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	
<hr/>						
TS 06.71	Adaptive Multi-Rate speech processing functions; General description					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i> SMG11->S4 at SMG#30	
	ETSI Publication 16/12/1999 7 . 0 . 2			get it	<i>remarks - this release:</i> #28: 7.0.0	

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

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ACTIVE specs R98 06 .- series
Server location: 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	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30			
	smg-29 25/06/1999	7 . 1 . 0		get it	<i>remarks - this release:</i>	#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	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-28 12/02/1999	2 . 0 . 0		get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30			
	SP-06 17/12/1999	7 . 0 . 0		get it	<i>remarks - this release:</i>				
	corrected test 04/02/2000	7 . 0 . 1		get it					
	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	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999	1 . 0 . 0		get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30			
	smg-30 11/11/1999	7 . 0 . 0		get it	<i>remarks - this release:</i>	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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ACTIVE specs R98 06 .- series
Server location: 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 Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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 figures	10/01/2002 7 . 0 . 1			get it		
refix invisible figures	15/01/2002 7 . 0 . 2			get it		

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, comments):</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		

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, comments):</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

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 Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	#29: 7.0.0

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.90	Adaptive Multi-Rate speech transcoding					
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-29 25/06/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-30 11/11/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-29 25/06/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0	
	ETSI Publication 17/12/1999 7 . 1 . 1			get it		

TS 06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-29 25/06/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #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		

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ACTIVE specs R98 06 .- series
Server location: 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 Lab S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
history (event, available, version, comments):
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, comments):
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, comments):
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, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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ACTIVE specs R98 07 .- series
Server location: 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 Teleca Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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: 7.7.0* *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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](#)

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, comments):
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, comments):
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](#)

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_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 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

smg-29 25/06/1999 7 . 0 . 0

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

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R98 current version: 7.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

smg-29 25/06/1999 7 . 0 . 0

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

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R98 current version: 7.0.1 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

smg-28 12/02/1999 7 . 0 . 0

ETSI Publication 17/08/1999 7 . 0 . 1

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

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R98 current version: 7.0.1 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

smg-28 12/02/1999 7 . 0 . 0

ETSI Publication 17/08/1999 7 . 0 . 1

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

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ACTIVE specs R98 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

R98 *current version: 7.7.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

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:
smg-29	25/06/1999	7 . 2 . 0	get it	
smg-30	11/11/1999	7 . 3 . 0	get it	
smg-30 bis	06/12/1999	7 . 4 . 0	get it	
smg-31 bis	17/04/2000	7 . 5 . 0	get it	
smg-31	16/02/2000	7 . 5 . 0	get it	
smg-32	20/06/2000	7 . 6 . 0	get it	
edito	14/09/2000	7 . 6 . 1	get it	
GP-01	11/10/2000	7 . 7 . 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

R98 *current version: 7.0.1* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

smg-28	12/02/1999	7 . 0 . 0	get it	remarks - general:
ETSI Publication	30/08/1999	7 . 0 . 1	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 Peter MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

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:

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TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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>	
	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		
<hr/>					
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 7 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 25/06/1999 7 . 0 . 1		get it	<i>remarks - this release:</i>	
	NP-11 04/04/2001 7 . 1 . 0		get it		
<hr/>					
TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</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>	
	GP-05 18/06/2001 7 . 1 . 0		get it		
<hr/>					
TS 08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

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ACTIVE specs R98 08 .- series
Server location: 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:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	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:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification				
R98	<i>current version:</i> 7.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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> #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0		
	smg-30 11/11/1999 7 . 2 . 0	get it			
	smg-31 16/02/2000 7 . 4 . 0	get it			
	ETSI Publication 26/05/2000 7 . 4 . 1	get it			

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ACTIVE specs R98 08 .- series
Server location: 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	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29			Skov	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	smg-29	25/06/2000	7 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	smg-30	11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>
	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	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29			Skov	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	smg-29	25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	smg-30	11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>
	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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i>	USAI, Paolino	
		<i>G:</i> yes <i>U:</i>			
<i>history (event, available, version, comments):</i>					
	smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30
	SP-07	15/03/1999	7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 TSG#7: 7.1.0
	edito	09/08/2000	7 . 1 . 1	get it	

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ACTIVE specs R98 08 .- series
Server location: 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 *current version:* 7.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 Skov

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

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0
smg-30 bis	06/12/1999	7	.	1	.	0
edito	31/12/1999	7	.	1	.	1
smg-31	16/02/2000	7	.	2	.	0
smg-31 bis	17/04/2000	7	.	3	.	0
GP-02	30/11/2000	7	.	4	.	0
GP-06	14/09/2001	7	.	5	.	0
GP-07	08/01/2002	7	.	6	.	0

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

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

[get it](#)

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R98 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

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, comments):

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) *remarks - general:*

remarks - this release:

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

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R98 *current version:* 7.12.0 *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, comments):

smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)
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-06	13/12/1999	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	
edito	04/09/2000	7 . 5 . 1	get it	
NP-09	08/11/2000	7 . 6 . 0	get it	
NP-10	21/12/2000	7 . 7 . 0	get it	
NP-11	06/04/2001	7 . 8 . 0	get it	
NP-12	06/07/2001	7 . 9 . 0	get it	
NP-14	18/01/2002	7 . 10 . 0	get it	
NP-15	04/04/2002	7 . 11 . 0	get it	
NP-18	08/01/2003	7 . 12 . 0	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

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, comments):

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
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TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98 *current version:* 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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

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ACTIVE specs R98 09 .- series
Server location: 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, comments):</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, comments):</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 Network								
R98	<i>current version:</i> (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, comments):</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, Rouzbeh	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</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					

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ACTIVE specs R98 09 .- series
Server location: 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, comments):							
	smg-29	25/06/1999	7	.	0	.	0
	NP-06	15/12/1999	7	.	1	.	0
	NP-11	04/04/2001	7	.	2	.	0
			get it		remarks - general:		
			get it		remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0		
			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, comments):							
	smg-28	12/02/1999	7	.	0	.	0
	ETSI Publication	12/03/1999	7	.	0	.	1
			get it		remarks - general:		
			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, comments):							
	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): SPAN / N4		rapporteur: SPORTON, Simon	VODAFONE Group Plc	
	freeze_meeting: smg-29		G: yes	U:	MCC:		
history (event, available, version, comments):							
	SPS approval	30/06/1999	7	.	0	.	1
	ETSI publication	26/09/2000	7	.	0	.	2
			get it		remarks - general: EN 302 646		
			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, comments):							
	smg-28	12/02/1999	7	.	0	.	0
	ETSI Publication	17/08/1999	7	.	0	.	1
			get it		remarks - general:		
			get it		remarks - this release:		

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ACTIVE specs R98 09 .- series
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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, comments):

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 Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R98 *current version:* 7.10.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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-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:* 7.8.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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-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	

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

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.78	CAMEL Application Part phase 2 (stage 3)						
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>			
	NP-08 21/06/2000 7 . 1 . 0		get it	<i>remarks - this release:</i>			
<hr/>							
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults						
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-28	G: yes U:	MCC: JORGENSEN, Per Johan	Skov			
	<i>history (event, available, version, comments):</i>						
	NP-16 26/06/2002 7 . 0 . 0		get it	<i>remarks - general:</i>			
	edito post NP-18 16/12/2002 7 . 0 . 1	minor editorials to change style from TS to TR.	get it	<i>remarks - this release:</i> 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	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-04	G: yes U:	MCC: USAI, Paolino	Skov			
	<i>history (event, available, version, comments):</i>						
	GP-04 20/04/2001 7 . 0 . 0		get it	<i>remarks - general:</i>			
	GP-07 04/01/2002 7 . 1 . 0		get it	<i>remarks - this release:</i>			
	GP-08 19/02/2002 7 . 2 . 0		get it				
	GP-12 03/01/2003 7 . 3 . 0		get it				

R98

10 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00	Digital Cellular Telecommunication System Feature Description						
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG			
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	smg-27 16/10/1998 7 . 1 . 0		get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i> #27: 7D1.0			

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

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ACTIVE specs R98 10 .- series
Server location: 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, comments):
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, comments):
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, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
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.
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 access; U = required in systems with UMTS access.

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ACTIVE specs R98 11 .- series
Server location: 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, comments):

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, comments):

TP-10	11/01/2001	1 . 0 . 0	get it	<i>remarks - general:</i>
TP-11	16/05/2001	7 . 0 . 0	get it	<i>remarks - this release:</i>
				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.

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

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ACTIVE specs R98 11 .- series
Server location: 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				
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:</i> smg-29				
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</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-28 12/02/1999 7 . 2 . 0	get it			
	smg-29 25/06/1999 7 . 3 . 0	get it			
	smg-31 16/02/2000 7 . 4 . 0	get it			
	smg-32 28/06/2000 7 . 5 . 0	get it			
	TP-09 18/10/2000 7 . 6 . 0	get it			
	TP-12 06/07/2001 7 . 7 . 0	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:</i> smg-29				
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 14/12/1999 7 . 0 . 2	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:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 1 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>		
	ETSI Publication 17/08/1999 7 . 0 . 1	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:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 05/09/2000 7 . 0 . 3	get it	<i>remarks - this release: #28: 7.0.0</i>		

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

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ACTIVE specs R98 11 .- series
Server location: 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, comments):

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>
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, comments):

GP-09	06/05/2002	7 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.
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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
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, comments):

smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>
ETSI Publication	17/08/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>

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
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, comments):

smg-30	11/11/1999	7 . 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 access.

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ACTIVE specs R98 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05 Subscriber Related Call and Event Data

R98 *current version: 7.0.1* WG (prime / other): S5 / S1 *rapporteur:* BENDER, James Nortel Networks (USA)
freeze_meeting: smg-29 G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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 12.15 General Packet Radio Service (GPRS); GPRS Charging

R98 *current version: 7.7.0* WG (prime / other): S5 / - *rapporteur:* LEHNERT, Matthias ALCATEL S.A.
freeze_meeting: smg-29 G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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:*
smg-29 25/06/1999 7 . 2 . 0 [get it](#)
smg-30 11/11/1999 7 . 3 . 0 [get it](#)
SP-06 7 . 4 . 0
SP-07 15/03/2000 7 . 5 . 0 [get it](#)
SP-08 21/06/2000 7 . 6 . 0 [get it](#)
SP-18 07/01/2003 7 . 7 . 0 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R98 *current version: 7.0.0* WG (prime / other): G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-09 06/05/2002 7 . 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.

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ACTIVE specs R98 12 .- series
Server location: 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, comments):

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 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version, comments):

smg-27	12/01/2001	6	0	0	get it	<i>remarks - general:</i>
edito	16/01/2001	6	0	1	get it	<i>remarks - this release:</i>

WG (prime / other): S1 / GP / NP *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
G: yes U: *MCC:* CLAYTON, Michael

TR 01.04 Abbreviations and acronyms

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version, comments):

smg-27	15/11/2000	6	0	0	get it	<i>remarks - general:</i>
						<i>remarks - this release:</i>

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

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

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ACTIVE specs R97 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRAETZ, Ingeborg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 01/12/2000 6 . 0 . 0		get it	<i>remarks - general:</i>		
	edito 16/01/2001 6 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TR 01.60	GPRS requirements					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 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					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	Editorial correction 20/03/1998 6 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						

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	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-29 26/06/1999 6 . 2 . 0		get it			
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-28 12/02/1999 6 . 1 . 0			get it	<i>remarks - this release:</i>	
	Editorial correction 12/02/1999 6 . 1 . 1			get it		
<hr/>						
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.04	General on Supplementary Services					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-28 12/02/1999 6 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-29 25/06/1999 6 . 1 . 1			get it		
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1999 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 26/05/1999 6 . 0 . 1			get it	<i>remarks - this release:</i>	
	smg-28 12/02/1999 6 . 1 . 0			get it		
	ETSI publication 04/08/1999 6 . 1 . 1			get it		

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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	
	history (event, available, version, comments):					
	smg-25 20/03/1998 6 . 0 . 0			get it	remarks - general:	
	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 / NP	rapporteur:	CHRISTOFFERSSON, Per	Telia Promotor AB
	freeze_meeting: smg-26	G: yes U:		MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	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, comments):					
	smg-26 26/06/1998 6 . 0 . 0			get it	remarks - general:	
	SP-11 02/04/2001 6 . 1 . 0			get it	remarks - this release:	

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, comments):					
	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:	
	SP-08 28/06/2000 6 . 2 . 0			get it		

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
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, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
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, comments):</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>	
<hr/>						
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, comments):</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		
<hr/>						
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / NP	<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, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.41	Operator Determined Barring					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,			BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les			Union Internationale des Chemins de Fer
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel			MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0			get it	<i>remarks - general:</i> SMG9->T3@#31	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i> SMG11->S4 at SMG#30	
					<i>remarks - this release:</i> No spec this Release	

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1 *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, comments):
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 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0
ETSI publication 01/12/1998 6 . 1 . 1 [get it](#)
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 2 . 1 [get it](#)
SP-05 14/10/1999 6 . 3 . 0 [get it](#)
ETSI publication 28/11/2000 6 . 3 . 1 [get it](#)

TS 02.63 Packet Data on Signalling channels Service (PDS); 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, comments):
smg-27 16/10/1998 6 . 0 . 0 [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 *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, comments):
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-29 25/06/1999 6 . 1 . 0 [get it](#)
Editorial correction 25/07/1999 6 . 1 . 1 [get it](#)

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, comments):
smg-27 06/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
publish EN 300 925 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):					
	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 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, comments):					
	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				
	SP-05 14/10/1999 6 . 4 . 0	get it				
	SP-10 12/01/2001 6 . 5 . 0	get it				
	SP-14 14/01/2002 6 . 6 . 0	get it				
	SP-14 minor correction 17/01/2002 6 . 6 . 1	get it				
<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			
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
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, comments):					
	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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<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, comments):</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/>						
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.84	MultiParty (MPY) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POSTMANN, Erwin	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CRAWFORD, Ian	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.91	Explicit Call Transfer (ECT)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POSTMANN, Erwin	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 (5.x.y withdrawn) #26: 6.0.1
<hr/>						
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 15/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0

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

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ACTIVE specs R97 02 .- series
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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, comments):
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, comments):
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 / T2 *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
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

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

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ACTIVE specs R97 03 .- series
Server location: 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, comments):

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	
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	get it	SA did not approve companion CRs to 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, comments):

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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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, comments):

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-29	25/06/1999	6 . 2 . 0	get it	

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data				
R97	current version: 6.5.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf ALCATEL SEL AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version, comments):				
	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	
	NP-07 15/03/2000 6 . 4 . 0			get it	
	NP-09 31/10/2000 6 . 5 . 0			get it	
<hr/>					
TS 03.09	Handover Procedures				
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND, Rouzbeh Ericsson Incorporated
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version, comments):				
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types				
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, comments):				
	smg-27 18/10/1998 6 . 0 . 0			get it	remarks - general: remarks - this release:
<hr/>					
TS 03.11	Technical Realization of Supplementary Services - General Aspects				
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, comments):				
	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

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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/>					
TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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/>					
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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/>					
TS 03.15	Technical Realization of Operator Determined Barring				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-26 26/06/1998 6 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 25/06/1999 6 . 1 . 0		get it	<i>remarks - this release:</i> #26: 6.0.0 SMG#29: 6.1.0	

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

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ACTIVE specs R97 03 .- series
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TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze_meeting: smg-26

history (event, available, version, comments):

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

TS 03.18 Basic Call Handling

R97 current version: 6.7.0

freeze_meeting: smg-26

history (event, available, version, comments):

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

TS 03.20 Security-related Network Functions

R97 current version: 6.1.0

freeze_meeting: smg-26

history (event, available, version, comments):

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
G: yes U: MCC: Sebastien
POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

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

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ACTIVE specs R97 03 .- series
Server location: 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	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-26		Skov				
		G: yes U:	MCC:	USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	smg-26 26/06/1998 6 . 0 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-28 12/02/1999 6 . 1 . 0	get it	<i>remarks - this release:</i>	group receive mode".			
	smg-29 26/06/1999 6 . 2 . 0	get it					
	SP-11 11/04/2001 6 . 3 . 0	get it					
<hr/>							
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-26		Skov				
		G: yes U:	MCC:	USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB			
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC:	USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	smg-26 26/06/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
	Editorial update 26/07/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>	#26: 6.0.0			
<hr/>							
TS 03.32	Universal Geographical Area Description (GAD)						
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM			
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC:	YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2						
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC:	JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>						
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>	#27: 6.0.0			

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.38 Alphabets and language-specific information

R97 *current version:* 6.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R97 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* #23: 6D1.0 #24: 6D2.0
TP-14 11/01/2002 6 . 2 . 0 [get it](#)

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R97 *current version:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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 03.42 SMS Compression

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TR 03.43 Support of Videotex

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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 access.

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ACTIVE specs R97 03 .- series
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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH		
	<i>freeze_meeting:</i> smg-26					
		G: yes U:	MCC:	RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-26					
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	BOSWARTHICK, David		
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial correction 16/10/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-26					
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	BOSWARTHICK, David		
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH		
	<i>freeze_meeting:</i> smg-26					
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	RODERMUND, Friedhelm		
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26					
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	DIETZE, Claus		
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>	SMG9->T3@#31		
	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				

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

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Server location: 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	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	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:	
<hr/>					
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R97	<i>current version:</i> 6.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	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			
<hr/>					
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:	
				remarks - this release: #27: 6.0.0	
<hr/>					
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: 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, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: 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	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>		
	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			
<hr/>					
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-07 17/03/2000 6 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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> #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			
<hr/>					
TS 03.69	Voice Broadcast service (VBS); Stage 2				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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> #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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: 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, comments):
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, comments):

WG (prime / other): N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
G: yes U: *MCC:* JURISIC, Andrijana

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

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

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R97 *current version:* 6.3.0
freeze_meeting: smg-26
history (event, available, version, comments):

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: Chalmers
MCC: KYMALAINEN, Kimmo

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

[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](#)

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
	smg-29 25/06/1999 6 . 1 . 0				get it	<i>remarks - this release:</i> #27: 6.0.0 #29: 6.1.0
<hr/>						
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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/>						
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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/>						
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mmO2 plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0</i>
	smg-27 16/10/1998 6 . 2 . 0				get it	

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

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ACTIVE specs R97 03 .- series
Server location: 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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert Skov
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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ACTIVE specs R97 04 .- series
Server location: 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, comments):
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, comments):
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
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, comments):
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 Peter MOTOROLA A/S
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 access.

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ACTIVE specs R97 04 .- series
Server location: 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
history (event, available, version, comments):

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	
ETSI publication	04/12/1998	6 . 2 . 1	get it	
smg-28	12/02/1999	6 . 3 . 0	get it	
smg-29	25/06/1999	6 . 4 . 0	get it	
NP-05	13/10/1999	6 . 5 . 0	get it	
Editorial correction	13/11/1999	6 . 5 . 1	get it	

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

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

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ACTIVE specs R97 04 .- series
Server location: 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

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

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

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
remarks - this release: (even numbered CRs!)

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* Skov
KYMALAINEN, Kimmo
history (event, available, version, comments):
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:*

TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R97 *current version:* 6.1.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-26 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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:*
NP-09 12/10/2000 6 . 1 . 0 [get it](#)

TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* Skov
THOMASEN, Gert
history (event, available, version, comments):
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 04.13 Performance Requirements on Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: smg-26 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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:* #27: 6.0.0

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

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ACTIVE specs R97 04 .- series
Server location: 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, comments):</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, comments):</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:</i> #27: 6.0.0 TSG#8:6.1.0			

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 Switching						
R97	<i>current version:</i> 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, comments):</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> #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0			
	NP-06 17/12/1999 6 . 2 . 0		get it				

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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, comments):

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, comments):

smg-27	16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i>

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

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ACTIVE specs R97 04 .- series
Server location: 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

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, comments):

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
smg-30	11/11/1999	6	.	5	.	0
NP-06	17/12/1999	6	.	6	.	0
smg-31	16/02/2000	6	.	7	.	0
NP-10	02/01/2001	6	.	8	.	0
NP-13	02/10/2001	6	.	9	.	0
NP-14	04/01/2002	6	.	10	.	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](#)
[get it](#)

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

R97 *current version:* 6.7.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S

freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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
smg-30	11/11/1999	6	.	5	.	0
NP-06	17/12/1999	6	.	6	.	0
smg-31	16/02/2000	6	.	7	.	0

[get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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, comments):

smg-27	16/10/1998	6	.	0	.	0
Editorial correction	16/11/1998	6	.	0	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: 6.0.0

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68	Group Call Control (GCC) Protocol					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-29 25/06/1998 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-30 11/11/1999 6 . 2 . 0		get it			
	NP-07 17/03/2000 6 . 3 . 0		get it			
<hr/>						
TS 04.69	Broadcast Call Control (BCC) protocol					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-30 11/11/1999 6 . 2 . 0		get it			
	NP-07 17/03/2000 6 . 3 . 0		get it			
<hr/>						
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 . 1 . 1		get it			
<hr/>						
TS 04.81	Line Identification Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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> #27: 6.0.0		

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>		
<hr/>						
TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>		
<hr/>						
TS 04.84	Multi Party (MPY) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>		
<hr/>						
TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #27: 6.0.0</i>		
<hr/>						
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>		

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 04.90	Unstructured Supplementary Service Data (USSD)				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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> #27: 6.0.0		
<hr/>					
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	<to be defined> 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release:</i> #27: 6.0.0		
<hr/>					
TS 04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3				
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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> #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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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> #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 access.

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

R97 **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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, comments):
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, comments):
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](#)

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

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03 Channel coding

R97 *current version:* 6.2.1

freeze_meeting: smg-26

history (event, available, version, comments):

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[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, comments):

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

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[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, comments):

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

USAI, Paolino

G: yes U:

MCC:

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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, comments):

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

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remarks - general:

[get it](#)

remarks - this release:

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TS 05.10 Radio subsystem synchronization

R97 *current version:* 6.7.0

freeze_meeting: smg-26

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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:

[get it](#)

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R97 *current version:* 6.2.0 *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
GP-02 05/01/2001 6 . 0 . 0 [get it](#) *remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
GP-05 03/01/2002 6 . 1 . 0 [get it](#) *remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R97
Changed from G2 to G1 at same time.
record created at same time (originally was only R99 and R98).
GP-10 19/07/2002 6 . 2 . 0 [get it](#)

TR 05.22 Radio link management in hierarchical networks

R97 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TR 05.50 Background for RF Requirements

R97 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-31 16/02/2000 6 . 1 . 0 [get it](#) *remarks - this release:* #24: 6.0.0 #31:6.1.0

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
smg-27 10/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 12/11/2001 6 . 0 . 1 [get it](#) *remarks - this release:* #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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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it <i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1		get it <i>remarks - this release:</i>			
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TS 06.02	Half Rate Speech Processing Functions					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it <i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1		get it <i>remarks - this release:</i> #27: 6.0.0			
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TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it <i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1		get it <i>remarks - this release:</i> #27: 6.0.0			
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TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it <i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1		get it <i>remarks - this release:</i> #27: 6.0.0			
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TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-32 20/06/2000 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	ETSI Publication 30/11/2000 6 . 1 . 1	get it				
	SP-12 29/06/2001 6 . 2 . 0	get it				
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TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>			
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TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	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, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>			
	SP-12 29/06/2001 6 . 1 . 0	get it				
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TS 06.20	Half Rate Speech Transcoding					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>			
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TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>			

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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>	
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>	
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R97	<i>current version:</i> 6.0.1	<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-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>	
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TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>	
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TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.0.1	<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-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>	

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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 04/06/1999 6 . 0 . 1		get it	<i>remarks - this release:</i> #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			
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TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1		get it	<i>remarks - this release:</i>		
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TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 01/09/1999 6 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-32 20/06/2000 6 . 1 . 0		get it			
	SP-10 20/12/2000 6 . 2 . 0		get it			
<hr/>						
TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1		get it	<i>remarks - this release: #27: 6.0.0</i>		
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TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1		get it	<i>remarks - this release: #27: 6.0.0</i>		
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TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 04/06/1999 6 . 0 . 1		get it	<i>remarks - this release: #27: 6.0.0</i>		
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TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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: #27: 6.0.0 #30: 6.1.0</i>		
	ETSI Publication 09/05/2000 6 . 1 . 1		get it			
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1		get it	<i>remarks - this release: #27: 6.0.0</i>		

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ACTIVE specs R97 06 .- series
Server location: 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 Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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, comments):
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, comments):
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, comments):
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

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ACTIVE specs R97 07 .- series
Server location: 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 Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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 Ericsson AS
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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, comments):
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 access.

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ACTIVE specs R97 07 .- series
Server location: 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, comments):

smg-25 20/03/1998 6 . 0 . 0

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

smg-26 26/06/1998 6 . 1 . 0

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 Peter MOTOROLA A/S

freeze_meeting: smg-26

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

history (event, available, version, comments):

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 Peter MOTOROLA A/S

freeze_meeting: smg-26

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

history (event, available, version, comments):

smg-27 16/10/1998 6 . 0 . 0

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

remarks - this release:

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

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ACTIVE specs R97 08 .- series
Server location: 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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
R97	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-31 bis 17/04/2000 6 . 5 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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

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ACTIVE specs R97 08 .- series
Server location: 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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		THOMASEN, Gert		
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</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		BOSWARTHICK, David		
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 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 access.

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ACTIVE specs R97 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 6 . 1 . 0	get it	<i>remarks - this release:</i> #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0		
	smg-29 25/06/1999 6 . 2 . 0	get it			
	smg-30 11/11/1999 6 . 3 . 0	get it			

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

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ACTIVE specs R97 08 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):
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, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R97 *current version:* 6.12.0 *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, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
edito 09/09/1998 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](#)
smg-29 25/06/1999 6 . 4 . 0 [get it](#)
NP-05 08/10/1999 6 . 5 . 0 [get it](#)
NP-06 15/12/1999 6 . 6 . 0 [get it](#)
NP-07 15/03/2000 6 . 7 . 0 [get it](#)
NP-08 21/06/2000 6 . 8 . 0 [get it](#)
NP-09 08/11/2000 6 . 9 . 0 [get it](#)
NP-10 21/12/2000 6 . 10 . 0 [get it](#)
NP-11 06/04/2001 6 . 11 . 0 [get it](#)
NP-15 04/04/2002 6 . 12 . 0 [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

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, comments):
smg-27 16/10/1998 6 . 0 . 0 [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, comments):
smg-27 16/10/1998 6 . 0 . 0 [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 access.

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ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	<i>current version:</i> 6.0.0	6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0					get it	<i>remarks - general:</i> N3: "no R99 needed".		<i>remarks - this release:</i> #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	<i>current version:</i> Switched Data Transmission Services	6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0					get it	<i>remarks - general:</i> N3: "no R99 needed".		<i>remarks - this release:</i> #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 Network								
R97	<i>current version:</i> (PSTN)	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, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 6 . 1 . 0					get it	<i>remarks - this release:</i> #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	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated				
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0					get it	<i>remarks - general:</i>		<i>remarks - this release:</i> #27: 6.0.0

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

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ACTIVE specs R97 09 .- series
Server location: 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	<i>current version: Procedures and the Mobile Application Part (MAP)</i>	6.2.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	smg-25	20/03/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
	smg-29	25/06/1999	6	.	1	.	0	get it	<i>remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0</i>
	NP-11	04/04/2001	6	.	2	.	0	get it	
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	smg-26	26/06/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release: #26: 6.0.0</i>
<hr/>									
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	smg-27	16/10/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i>
<hr/>									
TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R97	<i>current version: 6.1.0</i>		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>								
	smg-25	20/03/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
	smg-28	12/02/1999	6	.	1	.	0	get it	<i>remarks - this release:</i>

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

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ACTIVE specs R97 09 .- series
Server location: 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, comments):					
	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, comments):					
	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	
	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	

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

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ACTIVE specs R97 09 .- series
Server location: 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> 6.9.0	<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, comments):</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				

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, comments):</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 Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-24	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R97 09 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

GP-04	20/04/2001	6 . 0 . 0	get it	<i>remarks - general:</i>
GP-07	04/01/2002	6 . 1 . 0	get it	<i>remarks - this release:</i>
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, comments):

smg-28	12/02/1999	6 . 0 . 0	get it	<i>remarks - general:</i>
NP-05	08/10/1999	6 . 1 . 0	get it	<i>remarks - this release: #28: 6.0.0 TSG#5:6.1.0</i>

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 access.

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ACTIVE specs R97 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

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, comments):

smg-28	12/02/1999	6 . 0 . 0	get it	<i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
smg-29	25/06/1999	6 . 1 . 0	get it	<i>remarks - this release:</i> #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases. 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, comments):

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> #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, comments):

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> #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 access.

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ACTIVE specs R97 11 .- series
Server location: 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 One
freeze_meeting: smg-26
G: yes U: *MCC:* DIETZE, Claus

history (event, available, version, comments):

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-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, USAI, Paolino
freeze_meeting: smg-26
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-09	06/05/2002	6 . 0 . 0	get it	<i>remarks - general:</i>
edito (correction of version on cover)	18/06/2002	6 . 0 . 1	get it	<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.

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:* BENDER, James Nortel Networks (USA)
freeze_meeting: smg-26
G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

smg-27	16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i>
smg-28	12/02/1999	6 . 1 . 0	get it	<i>remarks - this release:</i>

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

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ACTIVE specs R97 12 .- series
Server location: 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	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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				

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> LEHNERT, Matthias	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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				

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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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ACTIVE specs R96 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)
R96 *current version:* 5.0.2 *WG (prime / other):* S1 / GP / rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-22 NP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 01.04 Abbreviations and acronyms
R96 *current version:* 5.0.2 *WG (prime / other):* GP / - rapporteur: CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 G: yes U: MCC: USAI, Paolino
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
ETSI publication 30/10/2001 5 . 0 . 2 [get it](#)

TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study
R96 *current version:* 5.0.1 *WG (prime / other):* S1 / - rapporteur: GRAETZ, Ingeborg SIEMENS AG
freeze_meeting: smg-22 G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

R96 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)
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, comments):
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](#)

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

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ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):

smg-16	20/10/1995	5 . 0 . 0	get it	<i>remarks - general:</i>
smg-18	12/04/1996	5 . 1 . 0	get it	<i>remarks - this release:</i>
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, comments):

smg-17	02/02/1997	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	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	

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

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ACTIVE specs R96 02 .- series
Server location: 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

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited

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

history (event, available, version, comments):

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

[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

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc

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

history (event, available, version, comments):

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

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

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

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ACTIVE specs R96 02 .- series
Server location: 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, comments):

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>
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

history (event, available, version, comments):

smg-20	11/10/1996	5	.	0	.	0	get it <i>remarks - general:</i>
ETSI publication	02/05/1997	5	.	0	.	1	get it <i>remarks - this release:</i>
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, comments):

smg-20	11/10/1996	5	.	0	.	0	get it <i>remarks - general:</i>
ETSI publication	02/05/1997	5	.	0	.	1	get it <i>remarks - this release:</i>

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

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ACTIVE specs R96 02 .- series
Server location: 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, comments):
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, comments):
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, comments):
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](#)

TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version, comments):
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 access.

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ACTIVE specs R96 02 .- series
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TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 *current version:* 5.7.1 *WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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 . 3 . 1	get it	
ETSI publication	02/05/1997	5 . 3 . 2	get it	
smg-21	14/02/1997	5 . 4 . 0	get it	
ETSI publication	26/08/1997	5 . 4 . 1	get it	
smg-22	13/06/1997	5 . 5 . 0	get it	
ETSI OAP	19/09/1997	5 . 5 . 1	get it	
ETSI publication	27/02/1998	5 . 5 . 2	get it	
smg-23	17/10/1997	5 . 6 . 0	get it	
edito	06/01/1998	5 . 6 . 1	get it	
smg-24	19/12/1997	5 . 6 . 2	get it	
smg-28	12/02/1999	5 . 7 . 0	get it	
ETSI publication	04/08/1999	5 . 7 . 1	get it	

TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

draft	31/10/1995	0 . 0 . 0	get it	<i>remarks - general:</i>
draft	13/02/1996	0 . 1 . 0	get it	<i>remarks - this release:</i>
draft	19/06/1996	0 . 2 . 0	get it	
draft	13/02/1996	0 . 5 . 0	get it	
smg-20	09/10/1996	5 . 0 . 0	get it	
ETSI publication	28/11/1996	5 . 0 . 1	get it	
smg-21	14/02/1997	5 . 1 . 0	get it	
smg-22	13/06/1997	5 . 2 . 0	get it	
ETSI publication	04/08/1997	5 . 2 . 1	get it	

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

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TS 02.40	Procedures for Call Progress Indications					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.41	Operator Determined Barring					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,			BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-16 20/10/1995 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-24 19/12/1997 5 . 1 . 1			get it		
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les			Union Internationale des Chemins de Fer
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-19 28/06/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	
	edito 08/10/1996 5 . 0 . 1			get it	<i>remarks - this release:</i>	
	smg-24 19/12/1997 5 . 1 . 0			get it		
<hr/>						
TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan			T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-19 28/06/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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

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ACTIVE specs R96 02 .- series
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TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-16	20/10/1995	5 . 0 . 0	get it	<i>remarks - general:</i>
smg-19	28/06/1996	5 . 0 . 1	get it	<i>remarks - this release:</i>
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, comments):

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-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 300 925	01/12/1998	5 . 2 . 1	get it	

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, comments):

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 #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 access.

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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, comments):</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		
<hr/>					
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, comments):</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		
<hr/>					
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, comments):</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	
<hr/>					
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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series
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TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, comments):					
	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, comments):					
	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, comments):					
	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, comments):					
	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, comments):					
	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 access; U = required in systems with UMTS access.

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TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
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 02.91 Explicit Call Transfer (ECT)

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-16 20/10/1996 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 #19: 5.1.0 #21: 5.1.1
smg-19 28/06/1996 5 . 1 . 0 [get it](#)
smg-21 14/02/1997 5 . 1 . 1 [get it](#)

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
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 #19: 5.2.0
smg-19 28/06/1996 5 . 2 . 0 [get it](#)

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TS 03.01 Network Functions

R96 *current version:* 5.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-18 12/04/1996 5 . 1 . 0 [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 access.

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
R96	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> S2 / NP /	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting:</i> smg-22		T2			
	<i>history (event, available, version, comments):</i>		G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	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 #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	<i>current version:</i> 5.4.1		<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22		G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
	smg-17	5 . 0 . 0		<i>remarks - this release:</i>		
	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	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0		

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

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Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22		Chalmers		
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TS 03.08	Organization of Subscriber Data				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-18 12/04/1996 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-23 17/10/1997 5 . 2 . 0	get it			
<hr/>					
TS 03.09	Handover Procedures				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #18: 5.0.0 #22: 5.1.0		
<hr/>					
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types				
R96	<i>current version:</i> 5.4.0	<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, comments):</i>				
	smg-16 20/10/1995 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-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 access.

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 03/06/1997 5 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TS 03.12	Location Registration Procedures					
R96	<i>current version:</i> 5.0.0	<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, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #20: 5.0.0</i>		
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-17 02/02/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #17: 5.0.0</i>		
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #20: 5.0.0</i>		
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	smg-16 20/10/1995 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-21 14/02/1997 5 . 1 . 0		get it	<i>remarks - this release: #16: 5.0.0 #21: 5.1.0</i>		

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

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TS 03.16 Subscriber Data Management

R96 *current version:* 5.3.0

freeze_meeting: smg-22

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

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

history (event, available, version, comments):

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

[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

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

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

history (event, available, version, comments):

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

[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

WG (prime / other): S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom

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

history (event, available, version, comments):

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

[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 access.

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ACTIVE specs R96 03 .- series
Server location: 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 11/10/1996			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			get it	<i>remarks - this release:</i>	group receive mode".	
	smg-21 14/02/1997			get it			
	ETSI publication 15/09/1997			get it			
	smg-22 13/06/1997			get it			
	ETSI publication 31/12/1997			get it			
	smg-26 26/06/1998			get it			
	ETSI publication 10/12/1998			get it			

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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 11/10/1996			get it	<i>remarks - general:</i>		
	smg-22 13/06/1997			get it	<i>remarks - this release:</i>		
	smg-23 17/10/1997			get it			

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, comments):</i>						
	smg-20 11/10/1996			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>	#20: 5.0.0	

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, comments):</i>						
	smg-23 17/10/1997			get it	<i>remarks - general:</i>		
	smg-26 26/06/1998			get it	<i>remarks - this release:</i>		
	smg-27 16/10/1998			get it			

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

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ACTIVE specs R96 03 .- series
Server location: 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, comments):

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, comments):

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 Teleca 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) Point-to-poin (PP)

R96 *current version:* 5.8.1

freeze_meeting: smg-22

history (event, available, version, comments):

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 Teleca 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 access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R96 03 .- series
Server location: 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 Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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 Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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> #21: 5.0.0 #22: 5.1.0 #23: 5.2.0
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, comments):

smg-20	11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i>

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ACTIVE specs R96 03 .- series
Server location: 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, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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, comments):
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, comments):
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, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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ACTIVE specs R96 03 .- series
Server location: 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, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm					
	smg-16 20/10/1995 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-18 12/04/1996 5 . 1 . 0		get it	<i>remarks - this release:</i>					
	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						

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 Lab S.p.A.					
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version, comments):</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> #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 5 . 0 . 3		get it						
	smg-25 20/03/1998 5 . 1 . 0		get it						
	smg-27 16/10/1998 5 . 2 . 0		get it						
	smg-28 12/02/1999 5 . 3 . 0		get it						
	smg-32 20/06/2000 5 . 4 . 0		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:</i> yes <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
	smg-23 17/10/1997 5 . 1 . 0		get it	<i>remarks - general:</i>					
	smg-24 19/12/1997 5 . 2 . 0		get it	<i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0					

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

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ACTIVE specs R96 03 .- series
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TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>								
	smg-16 20/10/1995	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-18 12/04/1996	5 . 1 . 0		get it	<i>remarks - this release:</i>				

TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	smg-16 20/10/1995	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-20 11/10/1996	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	ETSI publication 03/06/1997	5 . 1 . 1		get it					

TS 03.68	Voice Group Call Service (VGCS); Stage 2								
R96	<i>current version:</i> 5.5.1	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>								
	smg-16 20/10/1995	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-18 12/04/1996	5 . 1 . 0		get it	<i>remarks - this release:</i>	#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 access.

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 *current version:* 5.5.1

freeze_meeting: smg-22

history (event, available, version, comments):

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:*

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, comments):

smg-20	11/10/1996	5	.	0	.	0
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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 access.

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ACTIVE specs R96 03 .- series
Server location: 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, comments):

smg-21	14/02/1997	5 . 0 . 0	get it	<i>remarks - general:</i>
ETSI publication	23/04/1997	5 . 0 . 1	get it	<i>remarks - this release:</i>
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, comments):

smg-21	14/02/1997	5 . 0 . 0	get it	<i>remarks - general:</i>
ETSI publication	02/05/1997	5 . 0 . 1	get it	<i>remarks - this release:</i> #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, comments):

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 #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 access.

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<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, comments):</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 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.84	Multi Party (MPY) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
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, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
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, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0				get it	<i>remarks - general:</i>
	ETSI Publication 28/11/2000 5 . 0 . 1				get it	<i>remarks - this release:</i> #20: 5.0.0

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

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ACTIVE specs R96 03 .- series
Server location: 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, comments):
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, comments):
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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
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 access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #18: 5.0.0		
<hr/>					
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-18 12/04/1996 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			
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 02/05/1997 5 . 0 . 1	get it	<i>remarks - this release:</i>		
	smg-24 19/12/1997 5 . 1 . 0	get it			
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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

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ACTIVE specs R96 04 .- series
Server location: 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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-20	11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>
ETSI publication	02/05/1997	5 . 0 . 1	get it	<i>remarks - this release:</i>
smg-21	14/02/1997	5 . 1 . 0	get it	
ETSI publication	15/09/1997	5 . 1 . 1	get it	
smg-25	20/03/1998	5 . 2 . 0	get it	
ETSI publication	23/10/1998	5 . 2 . 1	get it	
smg-29	25/06/1999	5 . 3 . 0	get it	
ETSI publication	22/12/1999	5 . 3 . 1	get it	
smg-31	16/02/2000	5 . 4 . 0	get it	
ETSI Publication	28/11/2000	5 . 4 . 1	get it	

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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-20	11/10/1996	5 . 1 . 1	get it	
ETSI publication	05/05/1997	5 . 1 . 2	get it	
smg-21	14/02/1997	5 . 2 . 0	get it	
ETSI publication	19/12/1997	5 . 2 . 1	get it	
smg-24	19/12/1997	5 . 3 . 0	get it	

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

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ACTIVE specs R96 04 .- series
Server location: 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

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-16	20/10/1995	5 . 0 . 0	get it	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
smg-17	02/02/1996	5 . 1 . 0	get it	remarks - this release:	(even numbered CRs!)
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	13/05/1997	5 . 4 . 1	get it		
smg-21	14/02/1997	5 . 5 . 0	get it		
smg-22	13/06/1997	5 . 6 . 0	get it		
ETSI OAP	19/09/1997	5 . 6 . 2	get it		
ETSI publication	27/02/1998	5 . 6 . 3	get it		
smg-23	17/10/1997	5 . 7 . 0	get it		
smg-24	19/12/1997	5 . 8 . 0	get it		
smg-25	20/03/1998	5 . 9 . 0	get it		
ETSI publication	23/10/1998	5 . 9 . 1	get it		
smg-26	26/06/1998	5 . 10 . 0	get it		
ETSI publication	16/12/1998	5 . 10 . 1	get it		
smg-27	16/10/1998	5 . 11 . 0	get it		
ETSI publication	23/03/1999	5 . 11 . 1	get it		
smg-28	12/02/1999	5 . 12 . 0	get it		
smg-29	25/06/1999	5 . 13 . 0	get it		
ETSI publication	05/10/1999	5 . 13 . 1	get it		
ETSI publication	22/12/1999	5 . 13 . 1	get it		
smg-30	11/11/1999	5 . 14 . 0	get it		
ETSI publication	09/05/2000	5 . 14 . 1	get it		
NP-07	15/03/2000	5 . 15 . 0	get it		
ETSI publication	05/10/2000	5 . 15 . 1	get it		
smg-31 bis	17/04/2000	5 . 16 . 0	get it		
smg-32	20/06/2000	5 . 17 . 0	get it		
GP-01	12/10/2000	5 . 18 . 0	get it		
edito	02/11/2000	5 . 18 . 1	get it		
NP-18	18/12/2002	5 . 19 . 0	get it		

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

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 0				<i>remarks - general:</i>
	edito 11/10/1996 5 . 0 . 1				<i>remarks - this release:</i>
					get it
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>			
	smg-16 20/10/1995 5 . 0 . 0				<i>remarks - general:</i>
	smg-17 02/02/1996 5 . 1 . 0				<i>remarks - this release:</i>
	smg-20 11/10/1996 5 . 1 . 1				get it
	smg-21 14/02/1997 5 . 2 . 0				get it
	ETSI publication 15/09/1997 5 . 2 . 1				get it
	NP-09 24/10/2000 5 . 3 . 0				get it
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-19 28/06/1996 5 . 0 . 0				<i>remarks - general:</i>
	smg-20 11/10/1996 5 . 0 . 1				<i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
	ETSI Publication 28/11/2000 5 . 0 . 2				get it
					get it
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>			
	smg-18 12/04/1996 5 . 0 . 0				<i>remarks - general:</i>
	smg-20 11/10/1996 5 . 1 . 0				<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0
	ETSI Publication 28/11/2000 5 . 1 . 1				get it
					get it

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

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ACTIVE specs R96 04 .- series
Server location: 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, comments):								
	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:				
<hr/>									
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, comments):								
	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					
<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 Switching								
R96	current version: 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, comments):								
	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: #16: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #25: 5.4.0 #27: 5.5.0 tsg#6:				
					5.6.0				
	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-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					

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

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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, comments):
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, comments):
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, comments):
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, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: 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, comments):
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, comments):
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, comments):
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, comments):
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, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: 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, comments):</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, comments):</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 04.88	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, comments):</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, comments):</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, comments):</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

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

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ACTIVE specs R96 04 .- series
Server location: 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 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-18 12/04/1996 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-25 20/03/1998 5 . 4 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96 *current version:* 5.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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](#)
ETSI publication 13/05/1997 5 . 2 . 1 [get it](#)
smg-21 14/02/1997 5 . 3 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 3 . 1 [get it](#)
smg-22 13/06/1997 5 . 4 . 0 [get it](#)
ETSI publication 31/12/1997 5 . 4 . 1 [get it](#)
smg-23 17/10/1997 5 . 5 . 0 [get it](#)
smg-25 20/03/1998 5 . 6 . 0 [get it](#)
ETSI publication 23/10/1998 5 . 6 . 1 [get it](#)
smg-26 26/06/1998 5 . 7 . 0 [get it](#)
ETSI publication 10/12/1998 5 . 7 . 1 [get it](#)
smg-28 12/02/1999 5 . 8 . 0 [get it](#)
ETSI publication 04/08/1999 5 . 8 . 1 [get it](#)
GP-01 09/10/2000 5 . 9 . 0 [get it](#)
GP-06 01/10/2001 5 . 10 . 0 [get it](#)

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

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ACTIVE specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03 Channel coding

R96 *current version:* 5.6.0

freeze_meeting: smg-22

history (event, available, version, comments):

smg-17 02/02/1996 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0

smg-19 26/06/1996 5 . 2 . 0

smg-20 11/10/1996 5 . 2 . 1

ETSI publication 12/05/1997 5 . 2 . 2

smg-21 14/02/1997 5 . 3 . 0

ETSI publication 26/08/1997 5 . 3 . 1

smg-23 17/10/1997 5 . 4 . 0

smg-25 20/03/1998 5 . 5 . 0

ETSI publication 23/10/1998 5 . 5 . 1

GP-01 09/10/2000 5 . 6 . 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: #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

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TS 05.04 Modulation

R96 *current version:* 5.1.1

freeze_meeting: smg-22

history (event, available, version, comments):

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 13/05/1997 5 . 0 . 1

smg-30 11/11/1999 5 . 1 . 0

ETSI Publication 11/12/1999 5 . 1 . 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:

[get it](#)

[get it](#)

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

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ACTIVE specs R96 05 .- series
Server location: 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

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

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

history (event, available, version, comments):

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>
smg-19	28/06/1996	5 . 2 . 0	get it	
smg-20	11/10/1996	5 . 3 . 0	get it	
ETSI publication	13/05/1997	5 . 3 . 1	get it	
smg-21	14/02/1997	5 . 4 . 0	get it	
ETSI publication	26/08/1997	5 . 4 . 1	get it	
smg-22	13/06/1997	5 . 5 . 0	get it	
ETSI publication	02/02/1998	5 . 5 . 1	get it	
smg-23	17/10/1997	5 . 6 . 0	get it	
smg-24	19/12/1997	5 . 7 . 0	get it	
ETSI publication	17/06/1998	5 . 7 . 1	get it	
smg-25	20/03/1998	5 . 8 . 0	get it	
ETSI publication	23/10/1998	5 . 8 . 1	get it	
smg-26	26/06/1998	5 . 9 . 0	get it	
ETSI publication	11/12/1998	5 . 9 . 1	get it	
smg-27	16/10/1998	5 . 10 . 0	get it	
ETSI publication	09/03/1999	5 . 10 . 1	get it	
smg-29	25/06/1999	5 . 11 . 0	get it	
ETSI publication	22/12/1999	5 . 11 . 1	get it	
smg-30	11/11/1999	5 . 12 . 0	get it	
GP-01	09/10/2000	5 . 13 . 0	get it	

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

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ACTIVE specs R96 05 .- series
Server location: 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

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

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

history (event, available, version, comments):

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

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

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

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TS 05.10 Radio subsystem synchronization

R96 *current version:* 5.4.1

freeze_meeting: smg-22

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

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

history (event, available, version, comments):

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

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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 access.

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ACTIVE specs R96 05 .- series
Server location: 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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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 Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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 Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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](#)

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

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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> #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	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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> #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	<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> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #20: 5.0.0		

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

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 5 . 0 . 1		get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.1		

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	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, comments):</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		
	SP-12 29/06/2001 5 . 1 . 0		get it			

TS 06.20	Half Rate Speech Transcoding					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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> #20: 5.0.0 #22: 5.1.0		
	ETSI Publication 13/07/1997 5 . 1 . 1		get it			

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

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ACTIVE specs R96 06 .- series
Server location: 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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</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 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</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> #20: 5.0.0 #22: 5.1.0		
<hr/>					
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.1		
<hr/>					
TS 06.32	Voice Activity Detection (VAD)				
R96	<i>current version:</i> 5.0.3	<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	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 5 . 0 . 2	get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.2		
	ETSI Publication 17/11/1997 5 . 0 . 3	get it			
<hr/>					
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-22 13/06/1997 5 . 0 . 1	get it	<i>remarks - this release:</i> #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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ACTIVE specs R96 06 .- series
Server location: 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, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	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>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 *current version:* 5.3.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0
smg-22 13/06/1997 5 . 1 . 0
ETSI publication 27/02/1998 5 . 1 . 1
smg-32 20/06/2000 5 . 2 . 0
SP-10 20/12/2000 5 . 3 . 0

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

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

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-19 28/06/1996 5 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* SALEM, Tarek
G: yes U: MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: #19: 5.0.0

TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 1 . 1
smg-23 17/10/1997 5 . 1 . 3
smg-25 20/03/1998 5 . 2 . 0
ETSI Publication 20/04/1998 5 . 2 . 1

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

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

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2
freeze_meeting: smg-22
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 1 . 1
ETSI Publication 11/11/1996 5 . 1 . 2

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1
[get it](#)
[get it](#)

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.82	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
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, comments):</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 #23: 5.1.3			
	smg-20 11/10/1996 5 . 1 . 1	get it				
	smg-23 17/10/1997 5 . 1 . 3	get it				
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R96	<i>current version:</i> 5.2.1	<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, comments):</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 #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				
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R96	<i>current version:</i> 5.0.3	<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, comments):</i>					
	smg-17 02/02/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-20 11/10/1996 5 . 0 . 2	get it	<i>remarks - this release:</i> #17: 5.0.0 #20: 5.0.2 #22: 5.0.3			
	smg-22 13/06/1997 5 . 0 . 3	get it				
<hr/>						
TR 06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-26 26/06/1998 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #26: 5.0.0			

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ACTIVE specs R96 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

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, comments):

smg-16	20/10/1995	5 . 0 . 0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5 . 0 . 1	get it	<i>remarks - this release:</i>
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, comments):

smg-16	20/10/1995	5 . 0 . 0	get it	<i>remarks - general:</i>
smg-18	12/04/1996	5 . 1 . 0	get it	<i>remarks - this release:</i> #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	

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

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ACTIVE specs R96 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

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, comments):

smg-18	12/04/1996	5	.	0	.	0	get it <i>remarks - general:</i>
smg-20	11/10/1996	5	.	0	.	1	get it <i>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</i>
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 Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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	.	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 Ericsson AS
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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	.	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

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

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ACTIVE specs R96 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-22
G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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> #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, comments):

smg-24	19/12/1997	5	.	1	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i> #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 Peter MOTOROLA A/S Skov
freeze_meeting: smg-22
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-20	11/10/1996	5	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i>

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-22
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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>

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

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ACTIVE specs R96 08 .- series
Server location: 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

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0 [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

R96 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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](#)

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R96 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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
29/06/1998 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](#)

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

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ACTIVE specs R96 08 .- series
Server location: 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					
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, comments):</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, comments):</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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	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 access.

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ACTIVE specs R96 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	smg-16 20/10/1995 5 . 0 . 0		<i>remarks - this release:</i>		
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 0 . 0		<i>remarks - this release:</i>		
<hr/>					
TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
R96	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	smg-16 20/10/1995 5 . 0 . 0	get it	<i>remarks - this release:</i> #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:		
	smg-17 02/02/1996 5 . 1 . 0	get it	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			

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

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ACTIVE specs R96 08 .- series
Server location: 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
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-17	02/02/1996	5	.	0	.	0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-19	28/06/1996	5	.	0	.	1	get it	<i>remarks - this release:</i>	
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 Peter MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-20	11/10/1996	5	.	0	.	0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication	11/11/1996	5	.	0	.	1	get it	<i>remarks - this release:</i>	

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, comments):

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 access.

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.17.1

freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-16	20/10/1995	5 . 0 . 0	get it	remarks - general: CN->N4 Apr00 (JMM)
smg-17	02/02/1996	5 . 1 . 0	get it	remarks - this release:
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	03/06/1997	5 . 4 . 1	get it	
smg-21	14/02/1997	5 . 5 . 0	get it	
edito	23/05/1997	5 . 5 . 1	get it	
ETSI publication	05/11/1997	5 . 5 . 2	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	23/07/1998	5 . 8 . 1	get it	
smg-25	20/03/1998	5 . 9 . 0	get it	
ETSI publication	09/03/1999	5 . 9 . 1	get it	
smg-26	26/06/1998	5 . 10 . 0	get it	
ETSI publication	05/09/1999	5 . 10 . 1	get it	
smg-27	16/10/1998	5 . 11 . 0	get it	
ETSI publication	23/03/1999	5 . 11 . 1	get it	
smg-28	12/02/1999	5 . 12 . 0	get it	
ETSI publication	04/08/1999	5 . 12 . 1	get it	
smg-29	25/06/1999	5 . 13 . 0	get it	
ETSI publication	29/12/1999	5 . 13 . 1	get it	
NP-05	08/10/1999	5 . 14 . 0	get it	
ETSI publication	09/05/2000	5 . 14 . 1	get it	
NP-06	15/12/1999	5 . 15 . 0	get it	
NP-09	13/11/2000	5 . 16 . 0	get it	
NP-15	04/04/2002	5 . 17 . 0	get it	
include SDLs	22/07/2002	5 . 17 . 1	get it	

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

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ACTIVE specs R96 09 .- series
Server location: 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 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</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 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</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 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</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 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</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

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

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ACTIVE specs R96 09 .- series
Server location: 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 Network								
R96	<i>current version: (PSTN)</i>	5.10.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting: smg-22</i>		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>								
	smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
	smg-17	02/02/1996	5	.	0	.	1	get it	<i>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</i>
	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	<i>current version: 5.1.0</i>		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh Ericsson Incorporated		
	<i>freeze_meeting: smg-22</i>								
			<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</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: #20: 5.0.0 #21: 5.1.0</i>

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	<i>current version: Procedures and the Mobile Application Part (MAP)</i>	5.2.0	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting: smg-22</i>		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0</i>
	smg-23	17/10/1997	5	.	2	.	0	get it	

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

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11	Signalling Interworking for Supplementary Services					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-18 12/04/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-19 28/06/1996 5 . 1 . 0		get it	<i>remarks - this release:</i> #18: 5.0.0 #19: 5.1.0		
<hr/>						
TS 09.78	CAMEL Application Part phase 2 (stage 3)					
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-21 14/02/2000 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			
	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			
<hr/>						
TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	<to be defined> 02/02/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-22 02/01/2001 5 . 1 . 0		get it	<i>remarks - this release:</i>		
<hr/>						
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-21	G: yes U:	<i>MCC:</i> Skov JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	withdrawn SMG-30; reinstated NP-16	get it	<i>remarks - general:</i>		
	NP-16 26/06/2002 5 . 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 5 . 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 access.

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ACTIVE specs R96 10 .- series
Server location: 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, comments):

smg-19 28/06/1996 5 . 0 . 0

smg-19 28/06/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 2 . 0

Editorial correction 11/11/1996 5 . 2 . 1

[get it](#)

remarks - general:

[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 !

[get it](#)

[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, comments):

smg-21 14/02/1997 1 . 0 . 0

smg-25 20/03/1998 1 . 1 . 0

smg-25 20/03/1998 5 . 0 . 0

smg-28 12/02/1999 5 . 1 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0

[get it](#)

[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, comments):

draft 23/07/1997 1 . 0 . 1

smg-22 2 . 0 . 0

smg-22 13/06/1997 5 . 0 . 0

[get it](#)

remarks - general: still alive? June-2001:no. So no propagation to later releases.

remarks - this release:

[get it](#)

R96 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 access.

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ACTIVE specs R96 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

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, comments):

	smg-18	12/04/1996	5	.	0	.	0	get it	<i>remarks - general:</i>	R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
	smg-21	14/02/1997	5	.	1	.	0	get it	<i>remarks - this release:</i>	#31bis: closed (R99 version serves all releases) by Rel-5 equivalent. 2001-11-19: G4->G5.
	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-26	06/06/1998	5	.	6	.	0	get it		
	smg-27	16/10/1998	5	.	7	.	0	get it		
	smg-28	12/02/1999	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		
	smg-31	16/02/2000	5	.	11	.	0	get it		
	Editorial correction	16/02/2000	5	.	11	.	1	get it		
	GP-06	06/09/2001	5	.	12	.	0	get it		
	Editorial correction	01/08/2002	5	.	12	.	1	get it		
	Editorial correction	02/08/2002	5	.	12	.	2	get it		

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, comments):

	smg-30	11/11/1999	5	.	0	.	0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
	smg-18	12/04/1996	5	.	0	.	0	get it	<i>remarks - this release:</i>	#32:closed GP-06: Rel-4 serves all releases.
	ETSI publication	23/06/2000	5	.	0	.	1	get it		
	GP-06	06/09/2001	5	.	1	.	0	get it		

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

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ACTIVE specs R96 11 .- series
Server location: 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):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-22

G: yes *U:* T3 *MCC:* SALMERON, Lidia

history (event, available, version, comments):

smg-30 11/11/1999 5 . 0 . 0 [get it](#)

smg-31 16/02/2000 5 . 1 . 0 [get it](#)

this spec from G5, and to approve a new R99 version not derived from R96 by CR;

remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over

remarks - this release: GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from G5,

and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous R96 version, since the R99 version will cover all previous Releases. Releases.

editorial 15/09/2000 5 . 1 . 1 [get it](#)

GP-02 30/11/2000 5 . 2 . 0 [get it](#)

GP-04 29/03/2001 5 . 3 . 0 [get it](#)

GP-04 11/04/2001 5 . 3 . 0 [get it](#)

GP-06 31/08/2001 5 . 4 . 0 [get it](#)

GP-07 09/01/2002 5 . 5 . 0 [get it](#)

GP-13 21/02/2003 5 . 6 . 0 [get it](#)

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, comments):

smg-16 20/10/1995 5 . 0 . 0 [get it](#)

smg-17 02/02/1996 5 . 1 . 0 [get it](#)

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](#)

smg-21 14/02/1997 5 . 5 . 0 [get it](#)

smg-22 13/06/1997 5 . 6 . 0 [get it](#)

smg-23 17/10/1997 5 . 7 . 0 [get it](#)

smg-24 19/12/1997 5 . 8 . 0 [get it](#)

smg-25 20/03/1998 5 . 9 . 0 [get it](#)

smg-26 26/06/1998 5 . 10 . 0 [get it](#)

Editorial correction 26/06/1998 5 . 10 . 1 [get it](#)

remarks - general:

remarks - this release:

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

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ACTIVE specs R96 11 .- series
Server location: 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	<i>current version:</i> 5.9.0	<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> smg-27					
		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version, comments):</i>						
	smg-18	12/04/1996	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 . 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	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	<to be defined>		5 . 0 . 0		<i>remarks - general:</i>	
	smg-25	20/03/1998	5 . 1 . 0	get it	<i>remarks - this release:</i>	
	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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</i>						
	smg-22	13/06/1997	5 . 0 . 0	get it	<i>remarks - general:</i>	
	Editorial correction	13/07/1997	5 . 0 . 1	get it	<i>remarks - this release:</i>	

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

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ACTIVE specs R96 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data					
R96	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> BENDER, James		Nortel Networks (USA)
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	smg-23 17/10/1997 5 . 0 . 0			get it	<i>remarks - general:</i>	
	Editorial correction 17/10/1997 5 . 0 . 1			get it	<i>remarks - this release:</i>	
<hr/>						
TS 12.08	Subscriber and Equipment trace					
R96	<i>current version:</i> 5.1.1		<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	smg-23 17/10/1997 5 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-25 20/03/1998 5 . 1 . 0			get it	<i>remarks - this release:</i>	
	Editorial correction 20/03/1998 5 . 1 . 1			get it		
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G3 / S5	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-21 14/02/1997 5 . 0 . 0			get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.	
					<i>remarks - this release:</i>	

Ph2

Ph2

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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ACTIVE specs Ph2 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)
Ph2 *current version:* 4.0.2 *WG (prime / other):* S1 / GP / rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-11b NP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
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:*

TR 01.04 Abbreviations and acronyms
Ph2 *current version:* 4.1.2 *WG (prime / other):* GP / - rapporteur: CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-11b G: yes U: MCC: USAI, Paolino
history (event, available, version, comments):
smg-08 01/10/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 0 . 3 [get it](#) *remarks - this release:*
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

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)
Ph2 *current version:* 4.6.0 *WG (prime / other):* S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-11b G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
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-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](#)

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

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):</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				
<hr/>						
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, comments):</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				
<hr/>						
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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series
Server location: 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, comments):

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, comments):

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, comments):

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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series
Server location: 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, comments):</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, comments):</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, comments):</i>					
	.. 30/08/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-02 30/08/2001 4 . 1 . 0 167/92		get it	<i>remarks - this release:</i>		
	smg-05 25/06/1993 4 . 2 . 0 98/93		get it			
	.. 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			

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.24	Description of Charge Advice Information (CAI)					
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		
	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-15 07/07/1995 4 . 5 . 0		get it			

TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David			VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 9 . 1		get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 10 . 0		get it	<i>remarks - this release:</i>		
	smg-10 15/04/1994 4 . 11 . 0		get it			
	smg-12 07/10/1995 4 . 12 . 0		get it			
	smg-13 27/01/1995 4 . 13 . 0		get it			

TS 02.40	Procedures for Call Progress Indications					
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 2 . 1		get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 3 . 0		get it	<i>remarks - this release:</i>		
	smg-10 15/04/1994 4 . 4 . 0		get it			
	smg-14 07/04/1995 4 . 5 . 0		get it			

TS 02.41	Operator Determined Barring					
Ph2	<i>current version:</i> 4.5.2	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,			BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		
	ETSI PE 11/10/1993 4 . 5 . 1		get it			
	ETSI publication 13/09/1994 4 . 5 . 2		get it			

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ACTIVE specs Ph2 02 .- series
Server location: 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, comments):

smg-07 25/06/1993 4 . 3 . 1
smg-10 15/04/1994 4 . 4 . 0
smg-11 01/07/1994 4 . 4 . 1
smg-12 07/10/1994 4 . 5 . 0
smg-16 20/10/1995 4 . 5 . 1
smg-24 19/12/1997 4 . 6 . 0
ETSI publication 17/06/1998 4 . 6 . 1

[get it](#) *remarks - general:*
[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*
[get it](#)
[get it](#)
[get it](#)
[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, comments):

smg-07 25/06/1993 4 . 4 . 2
smg-10 15/04/1994 4 . 5 . 0
smg-16 20/10/1995 4 . 5 . 2

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 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, comments):

smg-07 25/06/1993 4 . 6 . 3
smg-10 15/04/1994 4 . 6 . 5
smg-16 20/10/1995 4 . 6 . 7

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 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, comments):

smg-07 25/06/1993 4 . 4 . 2
smg-11 01/07/1994 4 . 4 . 5
smg-16 20/10/1995 4 . 4 . 7

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7*
[get it](#)

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ACTIVE specs Ph2 02 .- series
Server location: 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, comments):
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, comments):
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, comments):
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, comments):
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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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions						
Ph2	<i>current version:</i> 4.0.4						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 0 . 1	get it			<i>remarks - general:</i>	SMG3->SA2 @ TSG#7	
	ETSI Publication 25/07/1993 4 . 0 . 4	get it			<i>remarks - this release:</i>	#7: 4.0.1	
<hr/>							
TS 03.02	Network Architecture						
Ph2	<i>current version:</i> 4.2.1						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 0 . 1	get it			<i>remarks - general:</i>		
	smg-17 02/02/1996 4 . 1 . 0	get it			<i>remarks - this release:</i>	#7: 4.0.1 #17: 4.1.0 #18: 4.2.1	
	smg-18 12/04/1996 4 . 2 . 1	get it					
<hr/>							
TS 03.03	Numbering, Addressing and Identification						
Ph2	<i>current version:</i> 4.11.1						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 5 . 0	get it			<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 6 . 0	get it			<i>remarks - this release:</i>		
	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					
<hr/>							
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers						
Ph2	<i>current version:</i> 4.0.4						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, comments):</i>						
	smg-07 25/06/1993 4 . 0 . 1	get it			<i>remarks - general:</i>		
	Publication 19/01/1996 4 . 0 . 4	get it			<i>remarks - this release:</i>	#7: 4.0.1	

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05	Technical performance objectives				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-19 28/06/1996 4 . 1 . 0	get it	<i>remarks - this release:</i> #7: 4.0.0 #19:4.1.0		
<hr/>					
TS 03.07	Restoration Procedures				
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	G: yes U:	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	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>		
	Publication 19/01/1996 4 . 3 . 1	get it			
<hr/>					
TS 03.08	Organization of Subscriber Data				
Ph2	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 5 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 5 . 1	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-18 12/04/1996 4 . 8 . 0	get it			
<hr/>					
TS 03.09	Handover Procedures				
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i> #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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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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, comments):
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, comments):
smg-07 4 . 4 . 0 [get it](#) *remarks - general:*
ETSI public enquiry 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*
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 4 . 10 . 0
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, comments):
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](#)

TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2 *current version:* 4.0.4 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
Publication 13/09/1994 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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	G: yes	U:	<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</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	G: yes	U:	<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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	G: yes	U:	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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		
<hr/>						
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	G: yes	U:	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</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		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: 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								
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-11b				Skov				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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						
<hr/>									
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	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-11b				Skov				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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						
<hr/>									
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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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	Teleca Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

Ph2 *current version:* 4.13.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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	

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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 *current version:* 4.1.2 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
Ph2 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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 *current version:* 4.5.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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	

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, comments):

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>
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, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-07	25/06/1993	4 . 1 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 2 . 0	get it	<i>remarks - this release:</i>
smg-12	07/10/1994	4 . 2 . 1	get it	
smg-18	12/04/1996	4 . 4 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: 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)				
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-11b				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm	
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i> #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			
<hr/>					
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 Lab S.p.A.	
	<i>freeze_meeting:</i> smg-11b				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
	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			
<hr/>					
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>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	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			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81 Line Identification 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, comments):

smg-07 25/06/1993 4 . 1 . 0
smg-09 01/10/1993 4 . 2 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26:
4.8.0

smg-10 15/04/1994 4 . 3 . 0
smg-11 01/07/1994 4 . 4 . 0
smg-12 07/10/1994 4 . 5 . 0
smg-19 28/06/1996 4 . 6 . 0
smg-24 19/12/1997 4 . 7 . 0
smg-26 26/06/1998 4 . 8 . 0
Editorial 26/07/1998 4 . 8 . 1

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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, comments):

smg-07 25/06/1993 4 . 5 . 0
smg-08 01/10/1993 4 . 5 . 1
smg-10 15/04/1994 4 . 6 . 0
smg-12 07/10/1994 4 . 7 . 0
smg-18 12/04/1996 4 . 8 . 0
Editorial 12/05/1996 4 . 8 . 1

[get it](#) *remarks - general:*
[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
[get it](#)
[get it](#)
[get it](#)
[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, comments):

smg-07 25/06/1993 4 . 3 . 0
smg-11 01/07/1994 4 . 3 . 2
smg-12 07/10/1994 4 . 4 . 0
Editorial 07/11/1994 4 . 4 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.3.0 #11: 4.3.2 #12: 4.4.0
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.84 Multi Party (MPty) 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, comments):
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, comments):
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](#)

TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

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, comments):
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 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0
smg-09 21/01/1994 4 . 3 . 0 [get it](#)
smg-10 15/04/1994 4 . 4 . 0 [get it](#)
smg-11 01/07/1994 4 . 5 . 0 [get it](#)
smg-12 07/10/1994 4 . 6 . 0 [get it](#)
Editorial 07/11/1994 4 . 6 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

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, comments):
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #10: 4.5.0 #12: 4.6.0
smg-12 07/10/1994 4 . 6 . 0 [get it](#)
Editorial 07/11/1994 4 . 6 . 1 [get it](#)

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mmO2 plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-15 07/07/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #15: 4.1.0
Editorial 07/08/1995 4 . 1 . 1 [get it](#)

Ph2

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

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: 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
Ph2 *current version:* 4.1.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-07	25/06/1993	4 . 0 . 1	get it	<i>remarks - general:</i>
smg-10	15/04/1994	4 . 1 . 0	get it	<i>remarks - this release:</i>
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, comments):

smg-07	25/06/1993	4 . 0 . 1	get it	<i>remarks - general:</i>
ETSI publication	13/09/1994	4 . 0 . 4	get it	<i>remarks - this release:</i>

TS 04.05 Data Link (DL) Layer General Aspects
Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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>

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 Peter MOTOROLA A/S
freeze_meeting: smg-11b G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-07	25/06/1993	4 . 2 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 3 . 0	get it	<i>remarks - this release:</i>
smg-11	01/07/1994	4 . 4 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 *current version:* 4.3.1
freeze_meeting: smg-11b
history (event, available, version, comments):

smg-07	25/06/1993	4	.	1	.	1	get it <i>remarks - general:</i>
smg-10	15/04/1994	4	.	2	.	0	get it <i>remarks - this release:</i>
smg-12	07/10/1994	4	.	3	.	0	get it
ETSI Publication	07/11/1997	4	.	3	.	1	get it

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph2 *current version:* 4.24.0 WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

freeze_meeting: smg-11b G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-07	25/06/1993	4 . 5 . 0	get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
smg-08	01/10/1993	4 . 6 . 0	get it	<i>remarks - this release:</i> (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	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-07	25/06/1993	4 . 4 . 0	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-13	27/01/1995	4 . 9 . 0	get it	
smg-17	02/02/1996	4 . 10 . 0	get it	
Editorial	02/03/1996	4 . 10 . 1	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, comments):

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>
smg-10	15/04/1994	4 . 5 . 0	get it	
smg-11	01/07/1994	4 . 6 . 0	get it	
smg-12	07/10/1994	4 . 7 . 0	get it	
smg-14	07/04/1995	4 . 8 . 0	get it	
smg-16	20/10/1995	4 . 9 . 0	get it	
smg-17	02/02/1996	4 . 10 . 0	get it	
NP-09	04/10/2000	4 . 11 . 0	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 Peter MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-07	25/06/1993	4 . 1 . 1	get it	<i>remarks - general:</i>
smg-10	15/04/1994	4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #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-16	20/10/1995	4 . 6 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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, comments):</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					
<hr/>									
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, comments):</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					
<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 Switching								
Ph2	<i>current version:</i> 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, comments):</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> #7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0				
	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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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, comments):

smg-07	25/06/1993	4 . 7 . 0	get it	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 9 . 0	get it	<i>remarks - this release:</i>
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, comments):

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: #7: 4.2.0 #10: 4.3.0 #12: 4.4.0</i>
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, comments):

smg-07	25/06/1993	4 . 6 . 0	get it	<i>remarks - general:</i>
smg-11	01/07/1994	4 . 7 . 0	get it	<i>remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0</i>
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, comments):

smg-07	25/06/1993	4 . 4 . 0	get it	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 5 . 0	get it	<i>remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0</i>
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 access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.84 Multi Party (MPHY) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2
freeze_meeting: smg-11b
history (event, available, version, comments):
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, comments):
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, comments):
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, comments):
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
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: 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, comments):
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, comments):
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, comments):
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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding					
Ph2	<i>current version:</i> 4.5.1		WG (prime / other): G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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		WG (prime / other): G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series
Server location: 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

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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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[get it](#) *remarks - this release:*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs Ph2 05 .- series
Server location: 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

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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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remarks - general:

[get it](#)

remarks - this release:

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TS 05.10 Radio subsystem synchronization

Ph2 *current version:* 4.9.0

freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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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remarks - general:

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remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs Ph2 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22 Radio link management in hierarchical networks

Ph2 *current version:* 4.0.0
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-18 12/04/1996 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: #18: 4.0.0

TR 05.50 Background for RF Requirements

Ph2 *current version:* 4.2.0
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-08 01/10/1993 4 . 0 . 0
smg-13 27/01/1995 4 . 1 . 0
smg-17 02/02/1996 4 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #8: 4.0.0 #13: 4.1.0 #17: 4.2.0
[get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

Ph2 *current version:* 4.3.0
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 4 . 1 . 0
smg-08 4 . 2 . 0
ETSI publication 15/02/1994 4 . 2 . 1
smg-15 15/08/1995 4 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:
[get it](#)
[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
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 25/06/1993 4 . 0 . 2
smg-23 17/10/1997 4 . 0 . 6
ETSI Publication 07/04/1998 4 . 0 . 7

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
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 access.

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ACTIVE specs Ph2 06 .- series
Server location: 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-16 20/10/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #16: 4.0.0			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 4 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-32 20/06/2000 4 . 2 . 0		get it			
	Editorial 20/07/2000 4 . 2 . 1		get it			
	Correction of figure 29/06/2001 4 . 3 . 0		get it			
	3.2					
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph2	<i>current version:</i> 4.0.6	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 0 . 1		get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 4 . 0 . 5		get it	<i>remarks - this release:</i> #7: 4.0.1 #23: 4.0.5		
	ETSI Publication 07/04/1998 4 . 0 . 6		get it			
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	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, comments):</i>					
	smg-07 25/06/1993 4 . 0 . 1		get it	<i>remarks - general:</i>		
	ETSI Publication 13/09/1994 4 . 0 . 4		get it	<i>remarks - this release:</i> #7: 4.0.1		
	SP-12 29/06/2001 4 . 1 . 0		get it			
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
Ph2	<i>current version:</i> 4.3.1	<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, comments):</i>					
	smg-13 27/01/1995 4 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-14 07/04/1995 4 . 1 . 0		get it	<i>remarks - this release:</i> #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			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series
Server location: 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				
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, comments):</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 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
Ph2	<i>current version:</i> 4.1.1	<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, comments):</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			
<hr/>					
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
Ph2	<i>current version:</i> 4.0.5	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 4 . 0 . 5	get it	<i>remarks - this release:</i> #7: 4.0.1 #23: 4.0.5		
<hr/>					
TS 06.32	Voice Activity Detection (VAD)				
Ph2	<i>current version:</i> 4.3.1	<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, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 1 . 0	get it	<i>remarks - this release:</i> #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			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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 Lab S.p.A.		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				
<hr/>						
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-23 17/10/1997 4 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series
Server location: 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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</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 access.

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ACTIVE specs Ph2 06 .- series
Server location: 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, comments):
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, comments):
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, comments):
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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 07 .- series
Server location: 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, comments):

smg-07	25/06/1993	4 . 4 . 0	get it	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 4 . 2	get it	<i>remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0</i>
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, comments):

smg-07	25/06/1993	4 . 4 . 0	get it	<i>remarks - general:</i>
smg-09	21/01/1994	4 . 5 . 0	get it	<i>remarks - this release: #7: 4.4.0 #9: 4.5.0</i>
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 Teleca Limited
freeze_meeting: smg-11b *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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-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	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 07 .- series
Server location: 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 Ericsson AS
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 08 .- series
Server location: 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 Peter MOTOROLA A/S Skov
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S Skov
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S Skov
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 08 .- series
Server location: 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	<i>current version:</i> 4.2.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993	4 . 2 . 1	get it	<i>remarks - general:</i>	
	smg-13 27/01/1995	4 . 2 . 3	get it	<i>remarks - this release:</i>	
<hr/>					
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993	4 . 0 . 1	get it	<i>remarks - general:</i>	
	smg-13 27/01/1995	4 . 1 . 0	get it	<i>remarks - this release:</i>	
<hr/>					
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993	4 . 0 . 1	get it	<i>remarks - general:</i>	
	smg-13 27/01/1995	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-14 07/04/1995	4 . 2 . 0	get it		
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-07 26/06/1993	4 . 0 . 1	get it	<i>remarks - general:</i>	
	smg-13 27/01/1995	4 . 1 . 0	get it	<i>remarks - this release:</i>	
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-08 01/10/1993	4 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI Publication 13/09/1994	4 . 0 . 2	get it	<i>remarks - this release:</i>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 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

Ph2 *current version:* 4.9.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b Skov

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-07	25/06/1993	4	.	3	.	0
smg-08	01/10/1993	4	.	4	.	0
smg-09	21/01/1994	4	.	5	.	0
smg-10	15/04/1994	4	.	6	.	0
smg-13	27/01/1995	4	.	7	.	0
smg-15	07/07/1995	4	.	8	.	0
smg-16	20/10/1995	4	.	9	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0

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TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

Ph2 *current version:* 4.4.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b Skov

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-07	25/06/1993	4	.	1	.	0
smg-13	27/01/1995	4	.	2	.	0
smg-22	13/06/1997	4	.	3	.	0
smg-23	17/10/1997	4	.	4	.	0
Editorial	17/11/1997	4	.	4	.	1

[get it](#)

remarks - general:

2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

Ph2 *current version:* 4.0.2 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b Skov

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-13	27/01/1995	4	.	0	.	0
ETSI Publication	19/01/1996	4	.	0	.	2

[get it](#)

remarks - general:

2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

[get it](#)

remarks - this release:

Ph2

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios					
Ph2	<i>current version:</i> 4.0.1		<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, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-09 21/01/1994 4 . 0 . 1			get it	<i>remarks - this release:</i>	
<hr/>						
TS 09.02	Mobile Application Part (MAP) Specification					
Ph2	<i>current version:</i> 4.19.1		<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, comments):</i>					
	smg-07 25/06/1993 4 . 4 . 0			get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)	
	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-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		
<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					
Ph2	<i>current version:</i> Network (PLMN)	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, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0			get it	<i>remarks - general:</i> N3: "no R99 needed".	
	smg-09 21/01/1994 4 . 0 . 1			get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.0.1	
	ETSI Publication 14/03/1995 4 . 0 . 3			get it		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series
Server location: 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, comments):</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 #9: 4.0.2					
	smg-09 21/01/1994 4 . 0 . 2		get it						
<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, comments):</i>								
	smg-07 25/06/1993 4 . 3 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".					
	smg-08 01/10/1993 4 . 4 . 0		get it	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #9: 4.4.1					
	smg-09 21/01/1994 4 . 4 . 1		get it						
	ETSI Publication 13/09/1994 4 . 4 . 2		get it						
<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, comments):</i>								
	smg-07 25/06/1993 4 . 3 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".					
	smg-09 21/01/1994 4 . 4 . 0		get it	<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		get it						

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series
Server location: 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 Network								
Ph2	<i>current version:</i> (PSTN)	4.13.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>									
	smg-07	25/06/1993	4 . 4 . 0		get it	<i>remarks - general:</i>			
	smg-08	01/10/1993	4 . 5 . 0		get it	<i>remarks - this release:</i> #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				
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
Ph2	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh Ericsson Incorporated		
<i>freeze_meeting:</i> smg-11b									
			<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan		
<i>history (event, available, version, comments):</i>									
	smg-09	21/01/1994	4 . 0 . 0		get it	<i>remarks - general:</i>			
	smg-13	27/01/1995	4 . 1 . 0		get it	<i>remarks - this release:</i> #9: 4.0.0 #13: 4.1.0			
	Editorial	27/02/1995	4 . 1 . 1		get it				
<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								
Ph2	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.4.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</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 #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 access.

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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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, comments):

smg-07	25/06/1993	4 . 1 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 2 . 0	get it	<i>remarks - this release:</i> #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):* SPAN / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-11b *G: yes U:* *MCC:*

history (event, available, version, comments):

smg-17		4 . 0 . 0		<i>remarks - general:</i> EN 300 646
ETSI vote	06/02/1997	4 . 1 . 0	get it	<i>remarks - this release:</i> 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, comments):

smg-15	07/07/1995	4 . 5 . 0	get it	<i>remarks - general:</i>
smg-16 ?	20/10/1995	4 . 6 . 0	get it	<i>remarks - this release:</i>
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, comments):

smg-10	15/04/1994	4 . 0 . 0	get it	<i>remarks - general:</i>
Editorial correction	15/05/1994	4 . 0 . 1	get it	<i>remarks - this release:</i> #10: 4.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2 *current version:* 4.6.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

freeze_meeting: smg-11b

G: yes *U:*

MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-14 07/04/1995 4 . 0 . 0 [get it](#) *remarks - general:*

smg-15 07/07/1995 4 . 1 . 0 [get it](#) *remarks - this release:* v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate

recast as null document pointing to latest Release version.

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 access.

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ACTIVE specs Ph2 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

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, comments):

smg-16	20/10/1995	4	.	13	.	0	get it	<i>remarks - general:</i>	R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
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. 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, comments):

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 access.

3GPP specification status

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ACTIVE specs Ph2 11 .- series
Server location: 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 *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, comments):

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	
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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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.
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

smg-07	25/06/1993	4 . 8 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 9 . 0	get it	<i>remarks - this release:</i>
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
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

smg-15	07/07/1995	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	4 . 1 . 0	get it	<i>remarks - this release:</i>
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 access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs Ph2 11 .- series
Server location: 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, comments):</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, comments):</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			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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, comments):

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](#)

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TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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, comments):

smg-07	25/06/1993	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 1 . 0	get it	<i>remarks - this release:</i>
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, comments):

smg-07	25/06/1993	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 1 . 0	get it	<i>remarks - this release:</i>
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, comments):

smg-07	25/06/1993	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 1 . 0	get it	<i>remarks - this release:</i>
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 access.

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ACTIVE specs Ph2 12 .- series
Server location: 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, comments):</i>					
	smg-11 01/07/1994	4 . 0 . 0				
	smg-14 07/04/1995	4 . 1 . 0				
	smg-17 02/02/1996	4 . 2 . 0				
	Editorial 02/02/1996	4 . 2 . 1				
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i>		
			get it			
			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, comments):</i>					
	smg-08 01/10/1993	4 . 0 . 0				
	smg-11 01/07/1994	4 . 1 . 0				
	smg-13 27/01/1995	4 . 2 . 0				
	smg-17 02/02/1996	4 . 3 . 0				
	Editorial correction 02/02/1996	4 . 3 . 1				
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i>		
			get it			
			get it			
			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, comments):</i>					
	smg-08 01/10/1993	4 . 0 . 0				
	smg-11 01/07/1994	4 . 1 . 0				
	smg-15 07/07/1995	4 . 1 . 1				
	smg-17 02/02/1996	4 . 2 . 0				
	smg-22 13/06/1997	4 . 3 . 0				
	Editorial correction 13/06/1997	4 . 3 . 1				
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i>		
			get it			
			get it			
			get it			
			get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
Server location: 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, comments):
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, comments):
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, comments):
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 access.

3GPP specification status

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ACTIVE specs Ph2 12 .- series
Server location: 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, comments):
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, comments):
4 . 0 . 0 *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#)
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, comments):
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 access.

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ACTIVE specs Ph2 12 .- series
Server location: 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, comments):
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, comments):
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, comments):
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, comments):
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 access.

3GPP specification status

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ACTIVE specs Ph2 TB .- series
Server location: 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, comments):

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, comments):
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: G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):
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 Thomasen
remarks - this release: (even numbered CRs!)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1-EXT 04 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
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-DCS *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DC 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11 Service Accessibility

Ph1-DCS *current version:* 3.1.0
freeze_meeting:
history (event, available, version, comments):
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-DCS *current version:* 3.0.1
freeze_meeting:
history (event, available, version, comments):
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-DCS *current version:* 3.1.0
freeze_meeting:
history (event, available, version, comments):
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 Thomasen
remarks - this release: . (even numbered CRs!)

Ph1-DCS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DC 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-DCS *current version:* 3.0.0
freeze_meeting:
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 05.05 Radio Transmission and Reception

Ph1-DCS *current version:* 3.3.0
freeze_meeting:
history (event, available, version, comments):
smg-07 3 . 2 . 0
smg-08 01/01/1995 3 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release:

TS 05.08 Radio Subsystem Link Control

Ph1-DCS *current version:* 3.0.0
freeze_meeting:
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

[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-DCS *current version:* 3.0.0
freeze_meeting:
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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 access.

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ACTIVE specs Ph1-DC 09 .- series
Server location: 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-DCS current version: 0.0.0 DRAFT

freeze_meeting:

history (event, available, version, comments):

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-DCS current version: Procedures and the Mobile Application Part (MAP)

3.0.0WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

TeliaSonera AB

freeze_meeting:

history (event, available, version, comments):

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 access.

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ACTIVE specs Ph1-DC 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1-DCS *current version:* 3.23.1

freeze_meeting:

WG (prime / other): G4 / S1 / *rapporteur:* LEGRAND, Walter EADS/DSN

G5 /
NP /
T2 /
SCP

G: yes *U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1-DCS *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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DC 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1-DCS *current version:* 3.13.0

freeze_meeting:

history (event, available, version, comments):

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-DCS *current version:* 3.3.0

freeze_meeting:

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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, comments):
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, comments):
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, comments):
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:* .

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.4.1 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
CEPT GSM doc 03/01/1991 3 . 4 . 0 [get it](#) *remarks - general:*
edito 22/07/1998 3 . 4 . 1 [get it](#) *remarks - this release:* .

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04 General on Supplementary Services

Ph1 *current version:* 3.7.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
- 24/07/1998 3 . 7 . 0
CEPT GSM doc 03/01/1991 3 . 7 . 1

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 02.06 Types of Mobile Stations (MS)

Ph1 *current version:* 3.2.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
remarks - this release: .

TS 02.07 Mobile Station (MS) Features

Ph1 *current version:* 3.4.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
- 10/05/1994 3 . 3 . 0
- 10/05/1994 3 . 4 . 0
ETSI publication 01/01/1995 3 . 4 . 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](#)

TS 02.09 Security aspects

Ph1 *current version:* 3.1.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
NP
G: yes U: *MCC:* Per POPE, Maurice
[get it](#) *remarks - general:*
remarks - this release:

TS 02.11 Service Accessibility

Ph1 *current version:* 3.7.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 7 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 3 . 1 . 2	get it	<i>remarks - general:</i>			
	.. 04/01/2002 3 . 2 . 0	get it	<i>remarks - this release:</i> .			
	ETSI publication 01/01/1995 3 . 2 . 0	get it				
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 3 . 1 . 2	get it	<i>remarks - general:</i>			
	.. 04/01/2002 3 . 2 . 0	get it	<i>remarks - this release:</i> .			
	ETSI publication 01/01/1995 3 . 2 . 0	get it				
<hr/>						
TS 02.20	Collection charges					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	06/05/1992: 09/10/1997 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 9 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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ACTIVE specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40 Procedures for Call Progress Indications
Ph1 *current version:* 3.2.0 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 0

WG (prime / other): S1 / NP *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1
Ph1 *current version:* 3.6.1 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1
Ph1 *current version:* 3.6.1 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions
Ph1 *current version:* 3.1.1 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 1

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
remarks - this release: .

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
Ph1	<i>current version:</i> 3.1.4	<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 1 . 4		<i>remarks - this release:</i> .			
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
Ph1	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 6 . 0		<i>remarks - this release:</i>			
<hr/>						
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / SPAN / T2	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 1 . 0		<i>remarks - this release:</i> .			
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TR 03.05	Technical performance objectives					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 2 . 0		<i>remarks - this release:</i> .			
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TS 03.07	Restoration Procedures					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 2 . 1		<i>remarks - this release:</i> .			

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 7 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 03.09	Handover Procedures					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</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>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 3 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 3 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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 Lab S.p.A.
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 2			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
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, comments):</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 /	<i>rapporteur:</i>	NGUYEN NGOC,	France Telecom
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	GP	<i>MCC:</i>	Sebastien POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 01/01/1995 3 . 3 . 2			get it	<i>remarks - this release:</i>	.
<hr/>						
TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm	
	<i>history (event, available, version, comments):</i>					
	smg-08 3 . 6 . 0				<i>remarks - general:</i>	
	smg-09 01/01/1995 3 . 7 . 0			get it	<i>remarks - this release:</i>	.
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TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)					
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 4 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43	Support of Videotex	Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 1	<i>WG (prime / other):</i> T2 / - <i>G: yes U:</i>	<i>rapporteur:</i> DI TRIA, Paolo Telecom Italia Lab S.p.A. <i>MCC:</i> RODERMUND, Friedhelm	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 1	<i>WG (prime / other):</i> T2 / - <i>G: yes U:</i>	<i>rapporteur:</i> RODERMUND, Friedhelm Vodafone D2 GmbH <i>MCC:</i> RODERMUND, Friedhelm	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent	Ph1	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version, comments):</i> smg-05 3 . 2 . 0 ETSI publication 01/01/1995 3 . 3 . 0 exists in PDF only	<i>WG (prime / other):</i> N3 / - <i>G: yes U:</i>	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat <i>MCC:</i> BOSWARTHICK, David	get it <i>remarks - general:</i> <i>remarks - this release:</i>
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent	Ph1	<i>current version:</i> 3.2.1 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 2 . 1	<i>WG (prime / other):</i> N3 / - <i>G: yes U:</i>	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat <i>MCC:</i> BOSWARTHICK, David	get it <i>remarks - general:</i> <i>remarks - this release:</i>
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2	Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> gsm-25b <i>history (event, available, version, comments):</i> 09/10/1997 3 . 0 . 1	<i>WG (prime / other):</i> T3 / - <i>G: yes U:</i>	<i>rapporteur:</i> BARNES, Nigel MOTOROLA Ltd <i>MCC:</i> DIETZE, Claus	get it <i>remarks - general:</i> SMG9->T3@#31 <i>remarks - this release:</i> .

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ACTIVE specs Ph1 03 .- series
Server location: 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 Lab S.p.A.	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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, comments):</i>				
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".		
			<i>remarks - this release:</i> .		
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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, comments):</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, comments):</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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ACTIVE specs Ph1 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
Ph1 *current version:* 3.0.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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, comments):
0 . 0 . 0 *remarks - general:*
ETSI publication 01/01/1995 3 . 3 . 4 [get it](#) *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 Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 location: 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	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:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 3 . 3	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
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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:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 13 . 0	get it	<i>remarks - general:</i>	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen	
	ETSI publication 15/09/1997 3 . 14 . 0	get it	<i>remarks - this release:</i>	. (even numbered CRs!)	
<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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Skov		
		G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 2 . 3	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
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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:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 3 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	#5:3.3.0	

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ACTIVE specs Ph1 04 .- series
Server location: 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 Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> gsm-25b		Skov						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert					
	<i>history (event, available, version, comments):</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 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>MCC:</i>	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>							
	ETSI publication 01/01/1995 3 . 4 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<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 Switching								
Ph1	<i>current version:</i> 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:</i> yes <i>U:</i>		<i>MCC:</i>	BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</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>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</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 location: 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, comments):
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, comments):
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, comments):
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, comments):
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

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remarks - this release: #12: 3.6.1

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ACTIVE specs Ph1 05 .- series
Server location: 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		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 1 . 2			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
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		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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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ACTIVE specs Ph1 06 .- series
Server location: 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 Lab S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
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 Lab S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.32 Voice Activity Detection (VAD)
Ph1 *current version:* 3.0.0 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One
G: yes U: *MCC:* USAI, Paolino
[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 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 14 . 0

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David
[get it](#) *remarks - general:*
remarks - this release:

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
Ph1 *current version:* 3.8.0 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 8 . 0

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David
[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 *freeze_meeting:* gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 4 . 0

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David
[get it](#) *remarks - general:*
remarks - this release: #5: 3.4.0

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ACTIVE specs Ph1 08 .- series
Server location: 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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 5 . 2

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remarks - this release: .

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ACTIVE specs Ph1 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 *current version:* 3.10.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 01/01/1995 3 . 10 . 1 [get it](#) *remarks - this release:* .

TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Ph1 *current version:* 3.1.2 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: gsm-25b G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 2 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

Ph1 *current version:* 3.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles

Ph1 *current version:* 3.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits

Ph1 *current version:* 3.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Ph1 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 1 . 1	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				
Ph1	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	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			
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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	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 1 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
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TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
Ph1	<i>current version:</i> 3.3.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Skov		
		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	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

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ACTIVE specs Ph1 09 .- series
Server location: 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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)			
	ETSI publication 01/01/1995 3 . 11 . 0	get it	<i>remarks - this release:</i>			
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TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile					
Ph1	<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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i>			
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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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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 location: 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 Network								
Ph1	<i>current version:</i> (PSTN)	3.10.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> gsm-25b		G: yes U:			<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 10 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #5: 3.8.0 #9: 3.9.0 #14: 3.10.0				
<hr/>									
TS 09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN								
Ph1	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	VAINIKKA, Jari NOKIA Corporation		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:			<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	First complete draft 01/01/1992 1 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<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		G: yes U:			<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI publication 01/01/1995 3 . 0 . 2			get it	<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		G: yes U:			<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 0 . 1			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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 access.

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ACTIVE specs Ph1 11 .- series
Server location: 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/DSN
G5 /
NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

First complete draft	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	get it
smg-08	07/06/1996	3 . 15 . 0	get it
smg-09	07/06/1996	3 . 16 . 0	get it
smg-10	02/09/1996	3 . 17 . 0	get it
smg-11	02/09/1996	3 . 18 . 0	get it
smg-12	02/09/1996	3 . 19 . 0	get it
smg-13	28/06/1996	3 . 20 . 0	get it
smg-15		3 . 21 . 0	
smg-16	01/01/1996	3 . 22 . 0	get it
smg-20	16/10/1996	3 . 23 . 0	get it
ETSI publication	30/12/1996	3 . 23 . 1	get it

[get it](#) remarks - general:
remarks - this release:

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, comments):

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 access.

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ACTIVE specs Ph1 11 .- series
Server location: 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, comments):
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, comments):
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, comments):
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, comments):
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 access.

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ACTIVE specs Ph1 12 .- series
Server location: 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, comments):

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, comments):

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, comments):

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, comments):

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 access.

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ACTIVE specs Ph1 TB .- series
Server location: 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, comments):

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

WITHDR 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, comments):

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, comments):

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 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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WITHDRAWN specs Rel-6 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Stage 2							
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3				
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>							
	S2-27 14/11/2002 0 . 1 . 0	get it	<i>remarks - general:</i>	Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.				
	S2-28 0 . 2 . 0		<i>remarks - this release:</i>	.				
	draft 18/12/2002 0 . 2 . 1	get it						
	S2-29 24/02/2003 0 . 3 . 0	get it						
<hr/>								
TS 23.340	(reserved for:" IP Multimedia Subsystem (IMS) messaging; Stage 2")							
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new			
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		One			
	<i>history (event, available, version, comments):</i>							
			<i>remarks - general:</i>					
			<i>remarks - this release:</i>	.				
<hr/>								
TR 23.876	Push architecture							
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui	KT ICOM				
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>							
	S2-29 0 . 0 . 0		<i>remarks - general:</i>	2003-02-04: -> 23.976				
	S2-29 03/02/2003 0 . 0 . 1	get it	<i>remarks - this release:</i>	2003-02-04: -> 23.976				
<hr/>								
TR 23.964	Commonality and interoperability between IP Multimedia System (IMS) core networks							
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERTENYI, Balazs	NOKIA Corporation				
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>							
	S2-29 03/02/2003 0 . 3 . 1	get it	<i>remarks - general:</i>	2003-02-03: Renumbered to 23.864.				
			<i>remarks - this release:</i>	2003-02-03: Renumbered to 23.864.				

Rel-6 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs 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* WG (prime / other): T2 / - *rapporteur:* MUDGE, John VODAFONE Group Plc
freeze_meeting: G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional
remarks - this release: provisional TP-18: rapporteur not confirmed.

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* WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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
and 52.008.
published. Replace with 32.411, 32..42x 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* WG (prime / other): S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes *MCC:* POPE, Maurice One

history (event, available, version, comments):

remarks - general: WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not to
remarks - this release: . publish, so -> 33.810.

Rel-6 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 41 .- series
Server location: 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 *WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

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 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A
freeze_meeting: *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version, comments):

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 102 240.

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 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 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-6 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version, comments): *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 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, comments):
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, comments):
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 access.

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WITHDRAWN specs Rel-5 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.174	Push service; Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
								<i>remarks - general:</i>	
								<i>remarks - this release:</i> SP-15: Timed out of Rel-5.	
<hr/>									
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> AMERY, Paul	ORANGE PCS LTD				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</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	
<hr/>									
TS 22.243	Speech recognition framework for automated voice services; Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.				
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</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 22.946	Broadcast and multicast services								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /	<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> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-12 27/06/2001	1 . 0 . 0	SP-010267	get it				<i>remarks - general:</i> Replaced by 22.146.	
								<i>remarks - this release:</i> To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.	

Rel-5 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 access.

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WITHDRAWN specs 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, comments):

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

remarks - general: Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

TS 23.121 Architectural requirements for Release 1999

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version, comments):
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, comments):

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 good to
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. 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, comments):

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.

TS 23.241 3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version, comments):

WG (prime / other): T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
G: U: yes *MCC:* RODERMUND, Friedhelm

remarks - general: Cf work item 'Generic user profile'
remarks - this release: TP-15: Delayed to Rel-6.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.246	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, comments):</i>						<i>remarks - general:</i> Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.
							<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.
<hr/>							
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, comments):</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					
<hr/>							
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, comments):</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 23.246.		
	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			
<hr/>							
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, comments):</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 23.909	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	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 access.

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WITHDRAWN specs Rel-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):</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 23.912	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		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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 23.974	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		G: U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 24 .- series
Server location: 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, comments):

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, comments):

RP-12 19/06/2001 1 . 0 . 0 RP-010345
RP-13 01/10/2001 2 . 0 . 0 RP-010562
RP-13 02/10/2001 5 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
[get it](#)

TR 25.861 RNC - SMLC location protocol

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* MIKOLA, Juha NOKIA Corporation
freeze_meeting: RP-15 G: U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

remarks - general: RP-15: abandoned in favour of directly writing the stage 3 spec.
remarks - this release: RP-15: abandoned in favour of directly writing the stage 3 spec.

TR 25.885 UMTS 1800 / 1900 MHz work items report

Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* NUMMINEN, Jussi NOKIA Corporation
freeze_meeting: RP-15 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-13 01/10/2001 1 . 0 . 0 RP-010672. RP-17: withdrawn. [get it](#) *remarks - general:* RP-17: withdrawn. RP-18 unwithdrawn.
remarks - this release: RP-17: withdrawn.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.886 Small technical enhancements and improvements work item

Rel-5 *current version: none*
freeze_meeting: RP-15
history (event, available, version, comments):

WG (prime / other): R4 / *rapporteur:*
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: RP-17: withdrawn.

TR 25.887 Beamforming

Rel-5 *current version: none*
freeze_meeting: RP-15
history (event, available, version, comments):

WG (prime / other): R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd
G: U: yes *MCC:* SASAKI, Tsukasa

R1-22 0 . 0 . 1 R1-011342
RP-14 07/12/2001 1 . 0 . 0 RP-010800

[get it](#) *remarks - general:*
remarks - this release: RP-15: Deferred to Rel-6.

TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD

Rel-5 *current version: none*
freeze_meeting: RP-16
history (event, available, version, comments):

WG (prime / other): R1 / - *rapporteur:* LI, Xiaoqiang SAMSUNG Electronics Research Institute
G: U: yes *MCC:* SASAKI, Tsukasa

RP-17 24/09/2002 1 . 0 . 0 RP-020508

[get it](#) *remarks - general:*
remarks - this release: -> Rel-6

Rel-5 27 .- series Server location: 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, comments):

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: U: yes *MCC:* RODERMUND, Friedhelm

TP-10 05/01/2001 0 . 1 . 1 SP-000657

[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 scrapped.
spec is scrapped.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.226 Global Text telephony (GTT); Terminal aspects

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version, comments):

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, comments):

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 29.163 Interworking between the IM CN subsystem and CS networks

Rel-5 *current version:* none
freeze_meeting: NP-18
history (event, available, version, comments):

WG (prime / other): N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc
G: yes *U:* yes *MCC:* BOSWARTHICK, David

remarks - general:
remarks - this release: NP-16: shifted to Rel-6.

N3-16		0	.	0	.	0		
N3-17	01/06/2001	0	.	1	.	0	N3-010185, N3-010199, N3-010201 and get it	
							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	get it

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version, comments):

WG (prime / other): N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general:
remarks - this release: Split into sub-parts.

NP-16		5	.	0	.	0	Interim step; not to be produced. See sub-parts.	
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-09	Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> NP-15				
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: ZOICAS, Adrian		
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.
<hr/>					
TS 29.198-10	Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> NP-15				
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: ZOICAS, Adrian		
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.
<hr/>					
TS 29.203	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> NP-15	G: U: yes	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
				<i>remarks - general:</i>	superseded by 29.903
				<i>remarks - this release:</i>	. TSG#11:creation; superseded by 29.903
<hr/>					
TS 29.226	reserved				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> NP-15	G: U: yes	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	WI approved TSG#7
<hr/>					
TS 29.240	Generic User Profile (GUP); Stage 3; Network				
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-16	G: U: yes	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
				<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241
				<i>remarks - this release:</i>	2002-03-05: Delayed to Rel-6.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 29 .- series
Server location: 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 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, comments):

remarks - general:
remarks - this release: SP-14 stopped.

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, comments):

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, comments):

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, comments):

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

Rel-5 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.115 Secured packet structure for (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, comments):
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 (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, comments):
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 (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, comments):
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, comments):
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.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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, comments):</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: CORBA solution set version 1:1					
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, comments):</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: 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, comments):</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> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</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, comments):</i>						<i>remarks - general:</i> -> 32.112
						<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> SP-17: moved to Rel-6.					

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, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> SP-17: moved to Rel-6.					

TS 32.683	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set				
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, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> SP-17: moved to Rel-6.					

TS 32.684	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set				
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, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> SP-17: moved to Rel-6.					

TR 32.801	Performance management				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> KORINEK, Frank		Motorola Inc.
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</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.					

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 33 .- series
Server location: 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, comments):

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 it.

remarks - this release: .2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

Rel-5 **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-5 *current version: none*

freeze_meeting: SP-15

history (event, available, version, comments):

SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn.

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One

G: yes *U:* *MCC:* POPE, Maurice

[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*

freeze_meeting: SP-15

history (event, available, version, comments):

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One

G: yes *U:* *MCC:* POPE, Maurice

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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs 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
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version, comments):
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 & Rel-5
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. -> 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
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version, comments):
remarks - general: SP-16: withdrawn in favour of 23.035.
remarks - this release: SP-16: withdrawn in favour of 23.035.

TR 43.930 Iur-g interface; Stage 2
Rel-5 *current version:* none *WG (prime / other):* G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-09 0 . 3 . 0 GP-020733 *remarks - general:* GP-11: Withdrawn and replaced with 43.130.
GP-09 22/04/2002 0 . 4 . 0 GP-021274 [get it](#) *remarks - this release:* This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11:
draft 19/07/2002 0 . 5 . 1 [get it](#) Withdrawn and replaced with 43.130.
GP-10 19/07/2002 5 . 0 . 0 [get it](#)
GP-11 16/09/2002 5 . 1 . 0 GP-11: withdrawn and technically [get it](#)
identical document issued as TS 43.130.

Rel-5 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 access.

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WITHDRAWN specs 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* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version, comments):
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

TR 50.099 GERAN project plan and open issues
Rel-5 *current version: none* WG (prime / other): GP / - *rapporteur:* BLADSSJO, David Telefon AB LM Ericsson
freeze_meeting: GP-09 G: yes U: MCC: USAI, Paolino
history (event, available, version, comments):
GP-08 04/04/2002 0 . 0 . 14 GP-020277 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
GP-08 20/03/2002 0 . 0 . 15 GP-020515 [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* WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-15 G: yes U: MCC: DIETZE, Claus
history (event, available, version, comments):
TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [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.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

Rel-4

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 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):

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 *WG (prime / other):* T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
freeze_meeting: SP-11 *G:* U: yes *MCC:* DIETZE, Claus
history (event, available, version, comments):

TP-10 11/01/2001 1 . 0 . 0

[get it](#) *remarks - general:*

TP-11 09/04/2001 4 . 0 . 0 withdrawn TP-13

[get it](#) *remarks - this release:* TP-13: Rel-4 withdrawn, since stage 2 not ready.**TS 22.227 Service requirements for the Open Service Access (OSA)**

Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitron AB
freeze_meeting: SP-11 *G:* U: yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):

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 *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: SP-11 *G:* U: yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):

SP-07 17/03/2000 1 . 0 . 0 SP-000073

[get it](#) *remarks - general:* Created Jan-00

draft 09/05/2000 1 . 4 . 0

[get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).

SP-08 28/06/2000 2 . 0 . 0

[get it](#)

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WITHDRAWN specs Rel-4 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0 SP-16: ->43.073 since applies to GERAN [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 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-11 18/06/2002 4 . 0 . 0 withdrawn [get it](#) *remarks - general:*
remarks - this release: Kall: Apr-2001:Superseded by 23.271 for Rel-4.

TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-10 31/01/2001 1 . 0 . 0 SP-000594 [get it](#) *remarks - general:*
draft 01/02/2001 1 . 1 . 0 [get it](#) *remarks - this release:* 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 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited
freeze_meeting: SP-11 *G:* U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-11 4 . 0 . 0 doa. Stick at R99. *remarks - general:* New after TSG#5
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.

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WITHDRAWN specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):</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, comments):</i>					
	SP-11	4 . 0 . 0	abandoned July 2001	<i>remarks - general:</i>	TSG#5: 1.0.0
				<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, comments):</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.

TR 23.972	Circuit switched multimedia telephony				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: JORGENSEN, Per Johan		
<i>history (event, available, version, comments):</i>					
	NP-11	4 . 0 . 0	doa. Stick at R99.	<i>remarks - general:</i>	New after TSG#5. Minor title change TSG#7.
				<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.

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WITHDRAWN specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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, comments):
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, comments):

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.

TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
G: U: *MCC:* N, A

remarks - general:
remarks - this release: .

TR 24.946 reserved

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* VACANT,
G: U: yes *MCC:* N, A

remarks - general:
remarks - this release:

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.107	UTRA Repeater; Conformance testing				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> NILSSON, Martin	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i> N, A	
<i>history (event, available, version, comments):</i>		get it	<i>remarks - general:</i> -> 25.143		
	Start of work 01/08/2000 0 . 0 . 1		<i>remarks - this release:</i> Scrapped in favour of 25.143		
<hr/>					
TS 25.371	LMU signalling				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MOULY, Michel	ARGUIN Communications	
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i> N, A	
<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> Created Jan 00; wdrwn Apr00		
			<i>remarks - this release:</i> First draft: Jan2000		
<hr/>					
TR 25.835	Report on hybrid ARQ type II/III				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> SITTE, Armin	SIEMENS AG	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> ARZELIER, Claude	
<i>history (event, available, version, comments):</i>		get it	<i>remarks - general:</i>		
	RP-09 16/10/2000 1 . 0 . 0		<i>remarks - this release:</i> 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.		
<hr/>					
TR 25.845	FDD RACH and AICH performance requirements				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> VIHRIÄLÄ, Jaakko	NOKIA Corporation	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar	
<i>history (event, available, version, comments):</i>		get it	<i>remarks - general:</i>		
	draft 20/12/2000 0 . 0 . 2	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.		
	draft 14/05/2001 0 . 0 . 3			RP-17: withdrawn.	
<hr/>					
TR 25.846	CPCH performance				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar	
<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> 2001-02-13: scrapped		
			<i>remarks - this release:</i> .		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.924 Opportunity Driven Multiple Access (ODMA)

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version, comments):
RP-03 23/04/1999 0 . 0 . 1
RP-04 23/06/1999 0 . 1 . 0

RP-05 13/10/1999 0 . 2 . 0
RP-06 17/12/1999 1 . 0 . 0

WG (prime / other): R2 / - *rapporteur:* LAW, Alan VODAFONE LTD
G: U: yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2002-01-23: .WG Secretary reports that this is really R99. Watch this space.
2002-02-25 (Van der Veen): No further interest, so spec withdrawn.

TR 25.932 Delay budget within the access stratum

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version, comments):
RP-08 23/06/2000 1 . 0 . 0
RP-09 05/10/2000 1 . 1 . 0
RP-10 22/01/2001 2 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* TAYLOR, Carolyn MOTOROLA Ltd
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:* ->25.853 @ TSG#10.
[get it](#) *remarks - this release:* TSG#10:2.0.0; approved renumbered as 25.853.
[get it](#)

TR 25.933 IP transport in UTRAN

Rel-4 *current version: none*
freeze_meeting: RP-15
history (event, available, version, comments):
draft 15/05/2000 0 . 0 . 1
R3-13 15/06/2000 0 . 1 . 0
R3-13 15/07/2000 0 . 1 . 1
RP-09 15/08/2000 0 . 2 . 0
RP-10 21/12/2000 0 . 4 . 0 RP-000644
RP-11 06/04/2001 1 . 0 . 0
RP-12 05/07/2001 1 . 1 . 0 RP-010425
RP-13 01/10/2001 1 . 4 . 0 RP-010642
draft 13/11/2001 1 . 4 . 1 to Rel-5
RP-14 06/12/2001 1 . 5 . 0 RP-010876
draft 02/01/2002 1 . 5 . 1
RP-15 19/03/2002 1 . 7 . 1 RP-020136, withdrawn
RP-15 19/03/2002 2 . 0 . 0 RP-020137

WG (prime / other): R3 / - *rapporteur:* DREVN, Nicolas ALCATEL S.A.
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
[get it](#)
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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		G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version, comments):</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					

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		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	draft 21/11/2000	0 . 0 . 1		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			
	RP-13 01/10/2001	1 . 1 . 0	RP-010681	get it					

TR 25.952	Base Station classification (TDD)								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> AXNESS, Timothy		INTERDIGITAL COMMUNICATIONS CORPORATION			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	draft 21/11/2000	0 . 0 . 1		get it	<i>remarks - general:</i>				
	RP-10 21/12/2000	1 . 0 . 0		get it	<i>remarks - this release:</i>	-> Rel-5			
	RP-11 10/04/2001	1 . 1 . 0		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	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	SP-11	4 . 0 . 0			<i>remarks - general:</i>	Replaced by 26.978.			
					<i>remarks - this release:</i>	Replaced by 26.978.			

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WITHDRAWN specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.226	Global text telephony (GTT); Transport of text in the voice channel					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnicor AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-08 23/06/2000	0 . 0 . 0	get it	<i>remarks - general:</i>	SP-16: in "GERAN" set.	
	SP-09 18/10/2000	0 . 0 . 9	get it	<i>remarks - this release:</i>	TSG#11:withdrawn->rel-5	
	draft 24/10/2000	0 . 0 . 10	get it			
	SP-10 21/12/2000	4 . 0 . 0	get it			
<hr/>						
TS 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnicor AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-10	2 . 0 . 0		<i>remarks - general:</i>	SP-16: in "GERAN" set.	
	SP-10 21/12/2000	4 . 0 . 0	get it	<i>remarks - this release:</i>	TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.	
<hr/>						
TS 26.235	Packet switched conversational multimedia applications; Default codecs					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi	Nokia Research Center		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 01/10/2000	0 . 0 . 1	get it	<i>remarks - general:</i>		
	draft 16/11/2000	0 . 0 . 2	get it	<i>remarks - this release:</i>	SP-12: withdrawn from Rel-4, moved to Rel-5.	
	SP-10 21/12/2000	1 . 0 . 0	get it			NP-000567
	SP-11 10/04/2001	4 . 0 . 0	get it			
	SP-12	4 . 1 . 0				immediately withdrawn, becomes Rel-5
<hr/>						
TR 26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	No work, will never appear as 4.0.0 (Usai, Mar 2001)	

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WITHDRAWN specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-03 26/04/1999 0 . 1 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* USAI, Paolino

[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
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: *U:* yes *MCC:* BOSWARTHICK, David

remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

Rel-4 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.801 Overall Project Plan

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
draft 30/07/1999 0 . 1 . 0
draft 30/08/1999 0 . 2 . 0
draft 30/09/1999 0 . 3 . 0
SP-05 13/10/1999 1 . 0 . 0
draft 02/12/1999 1 . 1 . 0

WG (prime / other): S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
G: *U:* yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TSG#11: Work stopped.
[get it](#)
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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, comments):</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.			
<hr/>						
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, comments):</i>					
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
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> KÄLL, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
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, comments):</i>					
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
TR 30.810	Project plan on Security					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-05 24/10/1999 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 location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.812 Project plan on Services and Service platforms

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob CELLPOINT SYSTEMS AB
G: *U:* yes *MCC:* YOON, Sang-Ui

[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, comments):
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains valid.

WG (prime / other): T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* DIETZE, Claus

[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, comments):
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12

WG (prime / other): S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
remarks - this release: SP-12: Split into several specs. 32.401, '402, '403.

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WITHDRAWN specs Rel-4 32 .- series
Server location: 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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</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	get it							SP-12: Rel-4 withdrawn.

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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-11 28/03/2001 4 . 0 . 0	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; Information Service version 1								
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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</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 Point; CORBA solution set version 1:1								
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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</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 Point: CMIP Solution Set Version 1:1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG					
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
			<i>remarks - general:</i>	TSG#8: split into eight parts					
			<i>remarks - this release:</i>	SP-12: withdrawn.					

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including NRM)	Rel-4	current version: version 1	none	WG (prime / other):	S5	/-	rappporteur:	TOVINGER, Thomas
	Telefon AB LM Ericsson				G:	U: yes	MCC:	ZOICAS, Adrian	
	freeze_meeting: SP-12								
	history (event, available, version, comments):								
									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) CORBA solution set version 1:1	Rel-4	current version: none	WG (prime / other):	S5	/-	rappporteur:	ZHOU, Di	SIEMENS AG
	freeze_meeting: SP-12			G:	U: yes		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):								
									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) CMIP solution set version 1:1	Rel-4	current version: none	WG (prime / other):	S5	/-	rappporteur:	POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting: SP-12			G:	U: yes		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):								
									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	Rel-4	current version: none	WG (prime / other):	S5	/-	rappporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting: SP-11			G:	U: yes		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):								
	SP-11 28/03/2001 4 . 0 . 0								SP-12: withdrawn.
									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	Rel-4	current version: none	WG (prime / other):	S5	/-	rappporteur:	CICCHITTO, Gaetano	SIEMENS Mobile Communications S.p.A.
	freeze_meeting: SP-11			G:	U: yes		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):								
	SP-11 28/03/2001 4 . 0 . 0								
									get it remarks - general: TSG#8: split into 4 parts
									remarks - this release: .

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.112-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: 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	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 2 . 0 . 0 SP-010285			<i>remarks - general:</i> SP-12: stopped. See 32.311.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 32.112-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>				
		G: U: yes	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-12 2 . 0 . 0 SP-010285			<i>remarks - general:</i> SP-12: stopped. See 32.312.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey		TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.
	<i>freeze_meeting:</i> NP-13				
		G: U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	draft 01/08/2000 0 . 1 . 0	get it		<i>remarks - general:</i>	
				<i>remarks - this release:</i> TSG#8:0.1.0 but associated WI not approved. NP-12: moved to rel-5.	
<hr/>					
TS 32.301-1	Telecommunication management; Configuration Management (CM); Notification 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> SP-11				
		G: U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 18/06/2001 2 . 0 . 0	get it		<i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.301.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1				
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-11				
		G: U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 18/06/2001 2 . 0 . 0	get it		<i>remarks - general:</i> Replaces 32.106- 2SP-12: stopped. See 32.302.	
				<i>remarks - this release:</i> .	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.301-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHEER, Randal	Lucent Technologies	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-3 SP-12: stopped. See 32.303.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1				
Rel-4	<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	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-4 SP-12: stopped. See 32..304.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; 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> SP-11	G: yes U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i> -> 32.111		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM				
Rel-4	<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: yes U:	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001 1 . 0 . 0	get it	<i>remarks - general:</i> 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	<i>remarks - this release:</i>		
<hr/>					
TS 32.601-1	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i>	G: yes U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.601.		
			<i>remarks - this release:</i> .		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic Configuration Management Integration Reference Point (IRP) information model
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</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> .

TS 32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic Configuration Management Integration Reference Point (IRP): CORBA solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</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> .

TS 32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</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> .

TS 32.602-1	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk CM Integration Reference Point (IRP) requirements
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</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> .

TS 32.602-2	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): Information
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</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> .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.602-3	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CORBA solution			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	SP-12: stopped. See 32.613.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.602-4	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CMIP solution			
Rel-4	<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, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	SP-12: stopped. See 32.614.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.602-5	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): XML file format			
Rel-4	<i>current version:</i> definition	none	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> N, A
Company and wait for new				
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			One
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	SP-12: stopped. See 32.615.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-1	Telecommunication management; Configuration Management (CM); Part 1: Generic 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: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.621.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): 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: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.
			<i>remarks - this release:</i>	.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.620-3 Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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) CMIP solution set

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, comments):
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, comments):
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): 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, comments):
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): CORBA solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.621-4 Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): CMIP solution set

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, comments):
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
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

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): NRM

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

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): CORBA solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

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): CMIP solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.623-1 Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.651.
remarks - this release: .

TS 32.623-2 Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): NRM
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.
remarks - this release: .

TS 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.
remarks - this release: .

TS 32.623-4 Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.
remarks - this release: .

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 access.

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WITHDRAWN specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security
Rel-4 *current version:* none
freeze_meeting:
history (event, available, version, comments):
draft 0 . 3 . 5

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 it.
remarks - this release: v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

TR 33.900 Guide to 3G security
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
G: *U:* yes *MCC:* POPE, Maurice

remarks - general:
remarks - this release:

TR 33.904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
draft 2 . 0 . 0 only available as
[http://www.3gpp.org/TB/other/algorithms/
KASUMI_Eval_rep_v20.pdf](http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf)

WG (prime / other): S3 / SAGE *rapporteur:* VACANT,
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: Source: ETSI SAGE.
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
freeze_meeting: SP-11
history (event, available, version, comments):
SP-10 03/12/2000 1 . 0 . 0

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes *U:* *MCC:* POPE, Maurice

[get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.
remarks - this release: ->41.102

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 42 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

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 *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, comments):
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.

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, comments):
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, comments):
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, comments):
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

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs 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	<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>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn.	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5						
			<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. -> 23.031.						
<hr/>									
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>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-15 26/03/2002 4 . 1 . 0	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.						
<hr/>									
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>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i> post-NP-14 23/01/2002 4 . 0 . 0 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	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.						
<hr/>									
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>G:</i> yes <i>U:</i>	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version, comments):</i> TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12	get it	<i>remarks - general:</i> TP-12: replaced by 23.048.						
			<i>remarks - this release:</i> TP-12: replaced by 23.048.						
<hr/>									
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>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version, comments):</i> GP-02 05/01/2001 4 . 0 . 0 GP-08: withdrawn	get it	<i>remarks - general:</i> Originally created as 03.51r00						
			<i>remarks - this release:</i> Created after TSG#8. GP-08: withdrawn						

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.063 Packet Data on Signalling channels service (PDS) Service description, Stage 2
Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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.

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, comments):
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, comments):
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, comments):
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.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

Rel-4 **48** .- series Server location: 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 Lab S.p.A.
freeze_meeting: SP-11 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):

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 Peter MOTOROLA A/S
freeze_meeting: Skov G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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

history (event, available, version, comments):

remarks - general:
remarks - this release: 2001-April:Clayton: stopped.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 50 .- series
Server location: 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, comments):</i>					
	SP-11 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.		
<hr/>						
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, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i>	Usai Apr-2001: will never be produced.		
<hr/>						
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> BLADSJO, David	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 numbered	
Rel-5. GP-12:	Rel-5 frozen, so draft moved to Rel-6.					
	draft 02/04/2000 0 . 0 . 2		get it		and were not subsequent at all, so do not appear in history; latest draft is ex	
					GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".	
	draft 08/05/2000 0 . 0 . 3		get it			
	draft 28/05/2000 0 . 0 . 4		get it			
GP-04	10/05/2000 0 . 0 . 6	2002-01-23: Usai indicates "stopped".	get it			
	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	GP-021208	get it			
	draft 17/09/2002 0 . 0 . 20		get it			
GP-12	26/11/2002 0 . 23 . 0	GP-023436	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 51 .- series
Server location: 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): G5 / G4, rapporteur: HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 T3

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

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 doc
remarks - this release: TP-17: Withdrawn, because doc was in fact R99, not Rel-4. was in fact R99, not Rel-4.

TS 51.014 Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit

Rel-4 *current version: none* WG (prime / other): T3 / - rapporteur: WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: SP-11 One

G: yes U: MCC: DIETZE, Claus

history (event, available, version, comments):

TP-18 02/01/2003 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI TS 102 223 Rel-4 (via a CR to 11.14 R99).

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.071 Location Services (LCS); Location services 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, comments):

SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13
SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be
withdrawn. A sort of non-version.
Anti-bootstrapping (autointerment?)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R00 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

R00

R00 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68 Voice Group Call Service (VGCS); Stage 1
R00 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0 [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 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0 [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 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
freeze_meeting: SP-11 *GP* *G: yes U:* *MCC:* Sebastien
history (event, available, version, comments): POPE, Maurice
smg-32 16/01/2001 9 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R00 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2
R00 *current version: none* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments): *remarks - general:* -> 43.051
remarks - this release: .

TS 03.59 Location services (LCS) GERAN; Stage 2
R00 *current version: none* WG (prime / other): G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments): [get it](#) *remarks - general:*
draft 30/05/2000 0 . 0 . 1 *remarks - this release:* replaced by 43.059

TS 03.68 Voice Group Call Service (VGCS); Stage 2
R00 *current version: none* WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments): [get it](#) *remarks - general:*
smg-32 20/06/2000 9 . 0 . 0 *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* WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments): [get it](#) *remarks - general:*
smg-30 20/06/2000 9 . 0 . 0 *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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs 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 Protocol
R00 *current version: none* *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: Aug00: replaced by 44.018

TS 04.68 Group Call Control (GCC) Protocol
R00 *current version: none* *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.69 Broadcast Call Control (BCC) protocol
R00 *current version: none* *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0 [get it](#) *remarks - general:*
remarks - this release:

R00 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs 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* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

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
Fix graphics	16/05/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
smg-32	20/06/2000	9	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #32:9.0.0 Aug00: replaced by 48.008

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R00 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.99 GERAN project plan and open issues

R00 *current version: none* WG (prime / other): - / rapporteur: MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: G: yes U: MCC: N, A

history (event, available, version, comments):

draft (as 10.99)	30/05/2000	0	.	0	.	5
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[get it](#)

remarks - general:

remarks - this release: .

R00 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 access.

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WITHDRAWN specs 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* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: NP /

T2 /
SCP /
G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

smg-32 20/06/2000 9 . 0 . 0
edito 12/07/2000 9 . 0 . 1

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
[get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 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* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: NP /

T2 /
SCP /
G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

smg-32 20/06/2000 9 . 0 . 0 Tdoc 7-00-276; P-00-266

[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

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, comments):

draft 15/08/2000 0 . 0 . 1
RP-10 21/09/2000 0 . 1 . 0 RP-000642

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* -> Rel-4

G = required in systems with GERAN access; U = required in systems with UMTS access.

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, comments):
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, comments):
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

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#6: ->3G
smg-30 25/10/2001 8 . 2 . 0 [get it](#)
ETSI publication 30/10/2001 8 . 2 . 1 [get it](#)

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WITHDRAWN specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 8 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
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	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-30 11/11/1999 8 . 0 . 0 withdrawn			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #30: 8.0.0 TSG#6->3g				
<hr/>									
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	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-28 12/02/1999 8 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-29 26/06/1999 8 . 1 . 0 withdrawn (becomes 22.004)			get it	<i>remarks - this release:</i>				
<hr/>									
TS 02.07	Mobile Station (MS) Features								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 8 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-30 8 . 1 . 0 withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.			get it	<i>remarks - this release:</i> TSG#6: withdrawn				
<hr/>									
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	<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> SP-06	G: yes U:		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	Upgrade to R99 30/06/2000 8 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI publication 05/06/2001 8 . 0 . 1 SP-18: Withdrawn in favour of 22.031.			get it	<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R99	<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> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	Upgrade to R99	14/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI publication	05/06/2001	8 . 0 . 1	get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032 R99.	
<hr/>						
TS 02.34	High Speed Circuit Switched Data (HSCSD); 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-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version, comments):</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>	
	withdrawn -> 22.034					
<hr/>						
TS 02.38	SIM application toolkit (SAT); Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version, comments):</i>						
				<i>remarks - general:</i>	Moved from T3 Jan-00.	
				<i>remarks - this release:</i>	Place holder - no spec.	
<hr/>						
TS 02.40	Procedures for Call Progress Indications					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version, comments):</i>						
	smg-30	11/11/1999	8 . 0 . 0	get it	<i>remarks - general:</i>	
	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.					
				<i>remarks - this release:</i>	R99 -> 22.101	
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version, comments):</i>						
	smg-29	25/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>	
	withdrawn -> 22.042					
				<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.57	Mobile Station Application Execution Environment (MEExE) Service description Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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)
<hr/>						
TS 02.60	General Packet Radio Service Stage 1 Description					
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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)
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 8 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 8 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)
<hr/>						

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7			
			<i>remarks - this release:</i> Never produced; make do with R98 version.			
<hr/>						
TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R99	<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> SP-06	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/06/2000 8 . 0 . 0 SP-18: withdrawn	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.						
<hr/>						
TS 03.35	Immediate Service Termination (IST); Stage 2					
R99	<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> SP-06	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-11 04/04/2001 8 . 1 . 0	get it	<i>remarks - this release:</i> SP-16: withdrawn in favouf of 23.035 R99.			
<hr/>						
TR 03.43	Support of Videotex					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	frozen at v7 20/11/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	(withdrawn)		<i>remarks - this release:</i> Frozen at v7			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-06

G: yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

Upgrade to R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: Sticks at v7

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-06

G: yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

Upgrade to R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-06

G: yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

Upgrade to R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: clamped at v7

TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2

R99 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* ROBERTS, Martin Nortel
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

Upgrade to R99 01/05/2000 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: Never produced; make do with R98 version.

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn

[get it](#) *remarks - general:*
remarks - this release: TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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 04 .- series Server location: 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 Switching

R99 *current version:* Centre (BSS - MSC) interface *WG (prime / other):* none N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG *G: yes U:* *MCC:* BOSWARTHICK, David
freeze_meeting: SP-06
history (event, available, version, comments):
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 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
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):* - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-06 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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 *rapporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

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. R99
Changed from G2 to G1 at same time.
will not be produced (source: Usai 2001-01-05)

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, comments):
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, comments):
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, comments):
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)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.08 GSM Application Programming Interface
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-06 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):
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

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 Network
R99 *current version:* (PSTN) none *WG (prime / other):* N3 /- *rapporteur:* KLEHN, Norbert
SIEMENS AG

freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):
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 09.14 Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling
R99 *current version:* none *WG (prime / other):* SPAN / N4 *rapporteur:* SPORTON, Simon VODAFONE Group Plc
freeze_meeting: SP-06 *G: yes U:* *MCC:*

history (event, available, version, comments):
WITHDRAWN 29/05/2000 8 . 0 . 0 [get it](#) *remarks - general:* EN 302 646
remarks - this release: 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 *current version:* none *WG (prime / other):* N1 /- *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):
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)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
remarks - general:
remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43 Support of Localised Service Area (SoLSA); Work Item Status
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
draft 17/04/1998 1 . 2 . 0 empty! [get it](#) *remarks - general:*
smg-28 30/06/1999 1 . 11 . 0 [get it](#) *remarks - this release:* #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-06 G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
WITHDRAWN 14/03/2000 8 . 0 . 0 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: No R99 impact.

TR 10.76 Noise suppression for the AMR codec; Project scheduling and open issues
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-06 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
draft 15/08/1999 0 . 0 . 8 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped".
draft 15/10/1999 1 . 0 . 0 2002-01-23: Usai indicates "stopped". [get it](#) *remarks - this release:* 2002-01-23: Usai indicates "stopped".

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.89 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

R99 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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	get it		2002-01-23: Usai indicates "stopped".

R99 **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

R99 *current version:* none *WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

Upgrade to R99	30/06/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
				<i>remarks - this release:</i>	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 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

Upgraded to R99	30/06/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
				<i>remarks - this release:</i>	skipped straight to R00.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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, comments):
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

TS 21.010 reserved

R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):
remarks - general:
remarks - this release: 3.0.0 dates from June 99

TS 21.100 3G specification handling procedures

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* N, A

history (event, available, version, comments):
SP-08 28/06/2000 1 . 0 . 0
[get it](#) *remarks - general:* Knobbled prior to SA#8.
remarks - this release:

TS 21.906 reserved

R99 *current version:* none *WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* N, A

history (event, available, version, comments):
First complete draft 04/03/1999 0 . 0 . 0
SP-03 3 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

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 access.

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WITHDRAWN specs 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 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-05 13/10/1999 3 . 0 . 1 [get it](#) *remarks - general:* Transfer>TSG#4
SP-08 28/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-06 3 . 0 . 0 *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 *WG (prime / other):* - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES
freeze_meeting: SP-03 *G:* *U:* yes *MCC:* N, A
history (event, available, version, comments):
Table of Contents 19/10/1997 0 . 0 . 2 [get it](#) *remarks - general:* CR at TSG#4 Not maintained
and Scope *remarks - this release:* Withdrawn (Clayton 2000-02-11)
First complete draft 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 22/04/1999 3 . 1 . 2 [get it](#)
SP-04 23/06/1999 3 . 1 . 3 [get it](#)

TR 22.924 Charging and accounting mechanisms

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
freeze_meeting: SP-03 *G:* *U:* yes *MCC:* Emanuele
N, A
history (event, available, version, comments):
Table of Contents 19/10/1997 0 . 0 . 1 [get it](#) *remarks - general:*
and Scope *remarks - this release:* .
First complete draft 19/12/1997 1 . 2 . 1 [get it](#)
WG approval 15/02/1997 2 . 0 . 0 [get it](#)
Under TB change 20/03/1998 3 . 0 . 0 [get it](#)
control
TB approval 15/02/1999 3 . 1 . 0 [get it](#)
SP-03 23/04/1999 3 . 1 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 22 .- series
Server location: 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	<i>WG (prime / other):</i> - / -	<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, comments):</i>				
	First complete draft 13/06/1997 1 . 1 . 0	get it	<i>remarks - general:</i>		
	WG approval 19/12/1997 2 . 0 . 0	get it	<i>remarks - this release:</i> .		
	TB approval 20/03/1998 3 . 0 . 0	get it			
	SP-03 23/04/1999 3 . 1 . 1	get it			
<hr/>					
TR 22.960	Mobile multimedia services				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<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, comments):</i>				
	Table of Contents 17/10/1997 0 . 0 . 4 and Scope	get it	<i>remarks - general:</i>		
	First complete draft 19/12/1997 1 . 0 . 0	get it	<i>remarks - this release:</i> .		
	WG approval 15/02/1997 2 . 0 . 0	get it			
	SP-03 23/04/1999 3 . 0 . 1 withdrawn	get it			
<hr/>					
TR 22.970	Virtual Home Environment Report				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<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, comments):</i>				
	Table of Contents 19/10/1997 0 . 0 . 7 and Scope	get it	<i>remarks - general:</i>		
	First complete draft 19/12/1997 1 . 0 . 0	get it	<i>remarks - this release:</i> .		
	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			
<hr/>					
TR 22.972	Circuit-switched multimedia				
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	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
	First complete draft 23/04/1999 0 . 0 . 0	get it	<i>remarks - general:</i> Title grows "cct sw".		
			<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11)		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 22 .- series
Server location: 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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version, comments):
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, comments):
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, comments):
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 access.

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WITHDRAWN specs R99 23 .- series
Server location: 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	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</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 One		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</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 One		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</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 access.

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WITHDRAWN specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.927 VHE, Open Service Architecture (OSA)

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version, comments):
First complete draft 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* Replaced by 23.127
SP-03 23/04/1999 0 . 1 . 0 withdrawn [get it](#) *remarks - this release:* Withdrawn (Clayton 2000-02-11).

TR 23.960 Framework of network functions to support multimedia services

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* GABE, Axel SIEMENS AG
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version, comments):
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

R99 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* THOMASEN, Gert
history (event, available, version, comments):
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4; N#9;proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: 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.

TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)

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, comments):
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.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.068 Group Call Control (GCC) Protocol

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
NP-03 3 . 0 . 0
NP-04 3 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: *U:* yes *MCC:* JORGENSEN, Per Johan

remarks - general: GSM only for R99.
remarks - this release: GSM only for R99.

TS 24.069 Broadcast Call Control (BCC) protocol

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
NP-03 3 . 0 . 0
NP-04 3 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: *U:* yes *MCC:* JORGENSEN, Per Johan

remarks - general: GSM only for R99.
remarks - this release: GSM only for R99.

TS 24.094 Follow Me; Stage 3

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):

WG (prime / other): - / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
G: *U:* yes *MCC:* N, A

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: USSD does all. No draft expected.

R99 25 .- series Server location: 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, comments):

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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.103	RF parameters in support of RRM				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
	First complete draft	04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i> Withdrawn in favour of 25.123 & 25.133
	NP-03	23/04/1999	0 . 1 . 0	get it	<i>remarks - this release:</i> Withdrawn
	NP-04	23/06/1999	1 . 0 . 0	get it	
	NP-05	13/10/1999	2 . 0 . 0	get it	
TR 25.923	Stage 2 Functional Specification of Location Services in UTRAN				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
	draft	30/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i> superseded by 25.305
	draft	01/09/1999	1 . 2 . 0	get it	<i>remarks - this release:</i> .
	draft	30/09/1999	1 . 4 . 0	get it	
TR 25.926	UE Radio Access capabilities definition				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LUNDSJÖ, Johan	Ericsson AB	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>				
	RP-05	13/10/1999	0 . 0 . 0	get it	<i>remarks - general:</i> ->25.306 Nov 00.
	R2-08	30/11/1999	0 . 1 . 0	get it	<i>remarks - this release:</i> Nov00->25.306 but first ->TSG#10:3.3.0
	R2-09	17/12/1999	1 . 0 . 0	get it	
	RP-07	15/03/2000	3 . 0 . 0	get it	
	RP-08	23/06/2000	3 . 1 . 0	get it	
	RP-08	06/10/2000	3 . 2 . 0	get it	
	RP-10	15/12/2000	3 . 3 . 0	get it	
TR 25.990	Vocabulary for UTRAN				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> OKRAH, Peter	Motorola Inc.	
	<i>freeze_meeting:</i> SP-05	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	RP-03	23/04/1999	0 . 0 . 2	get it	<i>remarks - general:</i> ->21.905
	RP-04	23/06/1999	0 . 1 . 4	get it	<i>remarks - this release:</i> 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.
	RP-05	13/10/1999	3 . 0 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
	SP-03 23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.	
	SP-06 17/12/1999	1 . 0 . 0	get it	<i>remarks - this release:</i> replaced by 26.975	
	SP-05 13/10/1999	1 . 0 . 0	get it		
	SP-04 23/06/1999	1 . 0 . 0	get it		
	Editorial 23/06/2000	1 . 2 . 0	get it		
<hr/>					
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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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>	
<hr/>					
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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	Creation of WI by WG/TB 02/02/2000	0 . 0 . 1	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.	
<hr/>					
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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
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, comments):</i>					
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.			
			<i>remarks - this release:</i> .			
<hr/>						
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, comments):</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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 access.

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WITHDRAWN specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.137 Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general: Stopped: Included in 26.131 & '132.
remarks - this release: .

TS 26.138 Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general: Stopped: Included in 26.131 & '132.
remarks - this release: .

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, comments):
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, comments):
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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs 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	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	SP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.04 R98.	
			<i>remarks - this release:</i>		
<hr/>					
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	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	SP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.05 R98.	
			<i>remarks - this release:</i>		
<hr/>					
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	G: yes U: yes	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	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	

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 access.

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WITHDRAWN specs R99 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.531 Work Plan and Study Items - RAN WG3

R99 *current version:* none WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG

freeze_meeting: SP-06 G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

draft	15/02/1999	0 . 0 . 1	get it
draft	15/03/1999	0 . 0 . 2	get it
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 RP-000142	get it
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 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 RP-010388	get it
RP-13	01/10/2001	0 . 9 . 2 RP-010604	get it
draft	23/11/2001	0 . 9 . 3 R3-013076	get it

remarks - general:

remarks - this release: 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to

R99

31 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 31 .- series
Server location: 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, comments):

TP-11	05/04/2001	1	.	0	.	0	Thought to have been approved as 3.0.0, get it <i>remarks - general:</i> but in fact was not! (JMM after Sanders 2001-05-16) <i>remarks - this release:</i> TP-16: withdrawn; only Rel-5 remains valid.
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 valid. get it

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, comments):

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:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	13/10/1999	1	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into eight parts
SP-06	17/12/1999	1	.	1	.	0	get it <i>remarks - this release:</i> 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

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WITHDRAWN specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111 3G Fault Management

R99 *current version:* none
freeze_meeting: SP-08
history (event, available, version, comments):

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: split into parts	23/06/2000	3	.	1	.	0	
Formatting	18/07/2000	3	.	2	.	0	

WG (prime / other): S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.
G: U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* TSG#8: split into 4 parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
[get it](#)
[get it](#)
[get it](#)

R99 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.900 Guide to 3G security

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):

SP-08	23/06/2000	1	.	2	.	0	
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WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
remarks - this release: 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 *current version:* none
freeze_meeting: SP-10
history (event, available, version, comments):

SP-10	16/01/2001	1	.	0	.	0	SP-000629
SP-10		3	.	0	.	0	withdrawn, not needed for R99

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
remarks - this release: 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 access.

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WITHDRAWN specs R99 35 .- series
Server location: 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*; Document R99	<i>current version: 1: General</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>	SP-10 09/05/2001 3 . 0 . 0						
		SAGE only supplied PDF, so no real deliverable yet available - SP-000630	get it	<i>remarks - general:</i>	ex SAGE. 2002-06: clarified that deliverable is TS not TR.			
				<i>remarks - this release:</i>	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*; Document R99	<i>current version: 2: Algorithm specification</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>	SP-10 09/05/2001 3 . 0 . 0						
		SP-000673	get it	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	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*; Document R99	<i>current version: 3: Implementors' test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>	SP-10 09/05/2001 3 . 0 . 0						
		SP-000630	get it	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	.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*; Document R99	<i>current version: 4: Design conformance test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>	SP-10 09/05/2001 3 . 0 . 0						
		SP-000630	get it	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 35 .- series
Server location: 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*; Document R99
current version: 5: Summary and results of design and evaluation none WG (prime / other): S3 /- rapporteur: WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
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): - / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC: N, A
history (event, available, version, comments):
smg-03 18/11/1994 3 . 0 . 0 remarks - general:
smg-18 21/05/1996 3 . 1 . 0 remarks - this release: .
smg-19 04/09/1996 3 . 2 . 0

TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes
UMTS current version: none WG (prime / other): - / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC: N, A
history (event, available, version, comments):
smg-05 23/08/1993 3 . 0 . 0

remarks - general:
remarks - this release: .

UMTS 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 access.

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WITHDRAWN specs UMTS 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.03U UMTS system requirements
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* RICHARDS, Derek John Megisto Systems Inc.
freeze_meeting: *G: yes U:* *MCC:*
history (event, available, version, comments):
ETSI publication 15/05/1996 3 . 1 . 0 withdrawn *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, comments):
smg-19 28/09/1996 3 . 0 . 0 *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, comments):
draft 05/03/1997 1 . 0 . 0 *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, comments):
Suspended 10/04/1996 3 . 0 . 0 animation *remarks - general:*
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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WITHDRAWN specs UMTS 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.01U Overall requirements on the radio interface(s) of the UMTS

UMTS *current version:* none *freeze_meeting:* WG (prime / other): GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories
G: U: *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 28/11/1997 3 . 0 . 1 *remarks - this release:*

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 Peter MOTOROLA A/S
G: U: *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 03/11/1998 3 . 0 . 1 *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
G: U: *MCC:* N, A
history (event, available, version, comments):
draft 17/01/2000 1 . 0 . 0 *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, Steffen Vodafone D2 GmbH
G: U: *MCC:* N, A
history (event, available, version, comments):
First complete draft 19/10/1997 1 . 0 . 0 *remarks - general:*
Milestone 1 19/12/1997 1 . 1 . 2 *remarks - this release:*
WG approval 17/02/1997 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

UMTS 22 .- series Server location: 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, comments):</i>				
	smg-27 1 . 0 . 0				<i>remarks - general:</i>
	draft 24/11/1998 1 . 3 . 0				<i>remarks - this release:</i>
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, comments):</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				
TS 22.05U	Services and service capabilities				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA, Emmanuel	France Telecom	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				
	smg-25 3 . 0 . 0				<i>remarks - general:</i>
	smg-26 01/07/1998 3 . 1 . 0				<i>remarks - this release:</i>
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, comments):</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				

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.21U	Virtual Home Environment	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version, comments):</i>	<i>WG (prime / other):</i> - / - <i>G:</i> <i>U:</i>	<i>rapporteur:</i> OGUNBEKUN, Jumoke <i>MCC:</i> N, A	FUJITSU Laboratories of Europe Limited	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 22.24U	Charging and Accounting Mechanism	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version, comments):</i> smg-25 28/05/1998 3 . 0 . 0	<i>WG (prime / other):</i> - / - <i>G:</i> <i>U:</i>	<i>rapporteur:</i> CHAMBERS, David <i>MCC:</i> N, A	MOTOROLA Ltd	<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0
TS 22.25U	Quality of Service (QoS) and network performance	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version, comments):</i> smg-25 28/05/1998 3 . 1 . 0	<i>WG (prime / other):</i> - / - <i>G:</i> <i>U:</i>	<i>rapporteur:</i> TIAINEN, Seppo <i>MCC:</i> N, A	TeliaSonera AB	<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.1.0
TS 22.29U	Handover Requirements between UMTS and GSM or other RadioSystems	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version, comments):</i>	<i>WG (prime / other):</i> - / - <i>G:</i> <i>U:</i>	<i>rapporteur:</i> COOPER, David <i>MCC:</i> N, A	Telecom Modus Limited	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 22.30U	Service requirements on security	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version, comments):</i>	<i>WG (prime / other):</i> - / <i>G:</i> <i>U:</i>	<i>rapporteur:</i> N, A <i>MCC:</i> N, A	Indicate persons who left Company and wait for new One	<i>remarks - general:</i> <i>remarks - this release:</i> .

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.35U	Service requirements on numbering, addressing and identities					
UMTS	<i>current version:</i> none	<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, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.40U	Charging, billing and accounting principles					
UMTS	<i>current version:</i> none	<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, comments):</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:</i> none	<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, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.50U	Subscriber and service profile requirements					
UMTS	<i>current version:</i> none	<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, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.55U	UMTS user identity modules					
UMTS	<i>current version:</i> none	<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, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.60U	Mobile multimedia services including mobile Intranet and Internet services				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-25 28/05/1998 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0	
<hr/>					
TS 22.70U	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>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-25 28/05/2001 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0	
<hr/>					
TS 22.71U	Service aspects; Automatic Establishment of Roaming Relationships				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-25 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0 #27: 3.0.1	
	smg-27 17/10/1998 3 . 0 . 1				
<hr/>					
TS 22.72U	Real Time Multimedia in UMTS				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FISCHER, Ralf	ROBERT BOSCH GmbH	
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 22.75U	Service aspects; Advanced addressing				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KLEIER, Stephan	Vodafone D2 GmbH	
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-25 2 . 0 . 0			<i>remarks - this release:</i> #25: 2.0.0 #27: 3.0.0	
	smg-27 17/10/1998 3 . 0 . 0				

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.80U UMTS Relationship to other Standards

UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):
First complete draft 19/10/1997 1 . 0 . 2
WG approval 07/11/1997 2 . 0 . 0
Under TB change 20/03/1998 2 . 0 . 1
control.
Milestone 1 19/12/1997 2 . 0 . 1

WG (prime / other): - / - *rapporteur:* AXERUD, Bo
G: *U:* *MCC:* N, A

NOKIA TELECOMMUNICATIONS FINLAND

remarks - general:
remarks - this release: #24: 2.0.1

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, comments):
smg-27 24/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* OLSSON, Magnus
G: *U:* *MCC:* N, A

Telefon AB LM Ericsson

remarks - general:
remarks - this release: #27: for info

TS 23.05U UMTS Network principles

UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):

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, comments):
smg-27 24/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* LOPEZ-TORRES, Oscar
G: *U:* *MCC:* N, A

T-MOBILE DEUTSCHLAND

remarks - general:
remarks - this release: #27: for info

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WITHDRAWN specs UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.20U	Evolution of the GSM platform towards UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> JARVIS, Andre	3		
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i> smg-27 1 . 0 . 0				<i>remarks - general:</i> <i>remarks - this release:</i> #27: for info	
TS 23.40U	UMTS Network Aspects; Relationship with UPT					
UMTS	<i>current version:</i> none	<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:</i> U:	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .	
TS 23.50U	UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment					
UMTS	<i>current version:</i> none	<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:</i> U:	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .	
TS 23.60U	UMTS Network Aspects; UMTS data organization					
UMTS	<i>current version:</i> none	<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:</i> U:	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .	
TS 23.70U	UMTS Network Aspects; UMTS operations and procedures					
UMTS	<i>current version:</i> none	<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:</i> U:	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .	

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WITHDRAWN specs UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS
UMTS *current version: none*
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A
G: *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 23.90U UMTS Network Aspects; Network performance requirements
UMTS *current version: none*
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A
G: *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 23.95U UMTS Network Aspects; Network functions relevant to satellites
UMTS *current version: none*
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A
G: *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

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
G: *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

UMTS **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.05U	UMTS Radio Aspects; Multiplexing and multiple access					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A			Indicate persons who left Company and wait for new One
	history (event, available, version, comments):	G: U:	MCC: N, A			
			remarks - general: remarks - this release: .			
TS 25.10U	UMTS Radio Aspects; Channel coding					
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, comments):	G: U:	MCC: N, A			
			remarks - general: remarks - this release: .			
TS 25.15U	UMTS Radio Aspects; Modulation					
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, comments):	G: U:	MCC: N, A			
			remarks - general: remarks - this release: .			
TS 25.20U	UMTS Radio Aspects; Transmission and reception					
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, comments):	G: U: yes	MCC: N, A			
			remarks - general: remarks - this release: .			

UMTS **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 26 .- series
Server location: 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* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: MCC: N, A* One
history (event, available, version, comments):
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* *WG (prime / other): S5 / - rapporteur: GABE, Axel SIEMENS AG*
freeze_meeting: *G: U: MCC: ZOICAS, Adrian*
history (event, available, version, comments):
First complete draft 01/05/1996 1 . 2 . 1
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* *WG (prime / other): - / - rapporteur: SAMUKIC, Antun ERICSSON S.A.*
freeze_meeting: *G: U: MCC: N, A*
history (event, available, version, comments):
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
smg-27 3 . 6 . 1

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 30 .- series
Server location: 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, comments):
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
smg-26 3 . 4 . 0
post smg-27 08/08/2002 3 . 5 . 1

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, comments):
remarks - general:
remarks - this release: .

TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL CIT
freeze_meeting: *G:* *U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
TC change control 13/06/1997 3 . 0 . 0 *remarks - general:*
smg-23 17/10/1997 3 . 1 . 0 *remarks - this release:* #23: 3.1.0 #25: 3.2.0
smg-25 20/03/1998 3 . 2 . 0

TR 30.04U Definition of the limited number of UTRA concepts

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: *G:* *U:* *MCC:* Skov
USAI, Paolino
history (event, available, version, comments):
First complete draft 01/06/1997 1 . 0 . 0 *remarks - general:*
smg-22 14/06/1997 3 . 0 . 0 *remarks - this release:* #22: 3.0.0
ETSI publication 03/11/1998 3 . 0 . 1

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.05U UMTS terminology
UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):

WG (prime / other): - / - *rapporteur:*
G: U: *MCC:* N, A

remarks - general:
remarks - this release: .

TR 30.06U UTRA Concept Evaluation Reports
UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):

WG (prime / other): GP / - *rapporteur:* USAI, Paolino
G: U: *MCC:* USAI, Paolino Telecom Italia Lab S.p.A.

First complete draft 01/12/1997 1 . 0 . 0
smg-24 15/12/1997 3 . 0 . 0

remarks - general:
remarks - this release: #24: 3.0.0

TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS
UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):

WG (prime / other): - / - *rapporteur:* RAPELI, Juha
G: U: *MCC:* N, A PHILIPS CONSUMER COMMUNICATION

Creation of WI by 13/06/1997 2 . 0 . 0
WG/TB
TB approval 30/08/1997 3 . 0 . 0
smg-24 19/12/1997 3 . 1 . 0

remarks - general:
remarks - this release: #24: 3.1.0

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
freeze_meeting:
history (event, available, version, comments):

WG (prime / other): SMG / - *rapporteur:* SZELAZEK, Bill 3
G: U: yes *MCC:* SULTAN, Alain

smg-22 1 . 0 . 0

remarks - general:
remarks - this release: No progress since SMG#22.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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
freeze_meeting:
history (event, available, version, comments):
smg-19 13/06/1997 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: U: *MCC:* N, A

remarks - general:
remarks - this release: #19: 3.0.0

TS 33.21U Security requirements

UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):
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

WG (prime / other): - / - *rapporteur:*
G: U: *MCC:* N, A

remarks - general:
remarks - this release: #27: for info

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 access.

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WITHDRAWN specs 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 *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-29 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
smg-27 16/10/1998 0 . 1 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#)
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
SP-15: withdrawn since SMG and PT-SMG no longer exist.

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 *WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
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 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-09 withdrawn 04/10/2000 7 . 0 . 0 [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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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 *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-29 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

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, comments):

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, Friedhelm Vodafone D2 GmbH
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):

smg-26 26/06/1998 7 . 0 . 0 withdrawn SP-09 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: TSG#9:withdrawn cos contains misleading information/references

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R98 10 .- series
Server location: 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:*

MCC: CLAYTON, Michael

history (event, available, version, comments):

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

[get it](#)

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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R98 10 .- series
Server location: 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, comments):

draft	08/02/1997	0	0	0	get it	<i>remarks - general:</i>
draft	24/03/1997	0	1	0	get it	<i>remarks - this release:</i> July 2002: abandoned
draft	27/03/1997	0	1	1	get it	
draft	09/04/1997	0	1	2	get it	
draft	07/05/1997	0	2	0	get it	
smg-22	10/06/1997	1	0	0	get it	
draft	19/06/1997	1	1	0	get it	
draft	09/07/1997	1	2	0	get it	
draft	10/09/1997	1	3	0	get it	
smg-23	10/10/1997	1	3	2	get it	
draft	22/10/1997	1	4	0	get it	
draft	02/12/1997	1	5	0	get it	
draft	04/06/1998	1	6	0	get it	
smg-25	10/03/1998	1	6	0	get it	abandoned

WG (prime / other): S2 / - *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
G: yes U: *MCC:* YOON, Sang-Ui

TR 10.87 User to User Signalling (UUS)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, comments):

WG (prime / other): S2 / GP *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* YOON, Sang-Ui

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, comments):

WG (prime / other): SP / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
G: yes U: *MCC:* POPE, Maurice

remarks - general:
remarks - this release: No draft ever produced.

R98

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R98 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

R98 *current version:* none *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, comments):

remarks - general: 2001-11-19: G4->G5.
remarks - this release: 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 *current version:* none *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, comments):

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

R98 *current version:* none *WG (prime / other):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 T3

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

GP-13 21/02/2003 7 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version). this spec from

G5, and to approve a new R99 version not derived from R96 by CR;

also to withdraw the R96 version, since the R99 version will cover all previous Releases.

R97

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R97 01 .- series
Server location: 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 *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

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 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

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 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general:
remarks - this release: No spec this Release

TS 02.33 Lawful Interception (LI); Stage 1

R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general:
remarks - this release: (No spec this Release)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R97 02 .- series
Server location: 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, comments):

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.

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
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N4 / SPAN *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
/ T2

G: yes U: *MCC:* KYMALAINEN, Kimmo

[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
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: *MCC:* RODERMUND, Friedhelm

[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
history (event, available, version, comments):
draft 20/03/1998 0 . 7 . 1

WG (prime / other): - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH
G: yes U: *MCC:* N, A

[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 access.

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WITHDRAWN specs R97 03 .- series
Server location: 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, comments):

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, comments):

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, comments):
 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, comments):

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R97 05 .- series
Server location: 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, comments):
First complete draft 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, comments):
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, comments):
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R97 10 .- series
Server location: 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, comments):
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, comments):
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, comments):
smg-25 6 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* YOON, Sang-Ui
G: yes U: *MCC:*

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, comments):

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R97 11 .- series
Server location: 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 *WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

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 *WG (prime / other):* G5 / G4, T3 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

GP-13 21/02/2003 6 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version). this spec from

G5, and to approve a new R99 version not derived from R96 by CR;

also to withdraw the R96 version, since the R99 version will cover all previous Releases.

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R97 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT, USAI, Paolino
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-09 06/05/2002 6 . 0 . 0 not produced post smg-27; withdrawn [get it](#)
GP-12 6 . 1 . 0 CRs unimplementable; spec is scrapped.

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 *WG (prime / other):* - / - *rapporteur:* MATTISSON, Leif Telefon AB LM Ericsson
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R97 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R97
current version: none
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP
rapporteur: TRUSS, Michael MOTOROLA Ltd
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, comments):

remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements

R97
current version: none
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP
rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, comments):

remarks - general:
remarks - this release: 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
current version: none
freeze_meeting: smg-22

WG (prime / other): SP / -
rapporteur: BERGMANN, Ansgar Deutsche Telekom AG
G: yes U: MCC: POPE, Maurice

history (event, available, version, comments):

smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-25 20/03/1998 5 . 2 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)

SP-15: withdrawn since SMG and PT-SMG no longer exist.

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WITHDRAWN specs R96 01 .- series
Server location: 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	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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			
<hr/>						
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> draft 07/11/1995 1 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
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	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> smg-23 5 . 0 . 0 SMG-25 withdrawn		<i>remarks - general:</i> <i>remarks - this release:</i> #25: withdrawn			
<hr/>						
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	G: yes U:	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> <i>remarks - this release:</i> .			

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WITHDRAWN specs R96 02 .- series
Server location: 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, comments):

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, comments):

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, comments):

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, comments):

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, comments):

remarks - general:
remarks - this release: .

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WITHDRAWN specs R96 02 .- series
Server location: 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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.37	ISDN based DECT/GSM Interworking				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 02.38	SIM application toolkit (SAT); Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> Moved from T3 Jan-00.	
	smg-29 1 . 0 . 0			<i>remarks - this release:</i>	
<hr/>					
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-23 5 . 0 . 0			<i>remarks - this release:</i>	
	smg-24 5 . 1 . 0 withdrawn SMG-25				
<hr/>					
TS 02.60	General Packet Radio Service Stage 1 Description				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-21 14/02/1997 5 . 0 . 0		get it	<i>remarks - this release:</i> #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn	
	smg-23 17/10/1997 5 . 1 . 0		get it		
	smg-24 19/12/1997 5 . 2 . 0		get it		
<hr/>					
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-24 19/12/1997 5 . 0 . 0		get it	<i>remarks - this release:</i> #24: 5.0.0 @25: withdrawn	

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WITHDRAWN specs R96 02 .- series
Server location: 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:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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		
<hr/>					
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:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
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:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
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:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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			
<hr/>					
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	GEMPLUS Card International	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 02 .- series
Server location: 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, comments):</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, comments):</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, comments):</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, comments):</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 02 .- series
Server location: 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, comments):

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 / SPAN *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
/ T2

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):
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
history (event, available, version, comments):
Table of Contents 01/09/1996 0 . 4 . 0
and Scope

WG (prime / other): - / *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
G: yes U: MCC: N, A

[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, comments):

WG (prime / other): - / *rapporteur:*
G: yes U: MCC: N, A

remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 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)
R96 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - this release:* #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references

TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2
R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
5 . 0 . 0 *remarks - general:*
smg-23 5 . 1 . 0 *remarks - this release:* .
smg-24 5 . 2 . 0
smg-25 5 . 3 . 0 withdrawn, SMG-25

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2
R96 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-23 5 . 1 . 0 *remarks - general:*
smg-24 5 . 2 . 0 withdrawn SMG-25 *remarks - this release:* .

TS 03.94 Follow Me Service description; Stage 2
R96 *current version:* none *WG (prime / other):* - / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 03.95 Support of Private Numbering Plan (SPNP); Stage 2
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: Scrapped Jan 98.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 03 .- series
Server location: 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, comments):

WG (prime / other): - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

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, comments):

WG (prime / other): - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

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, comments):

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, comments):
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 access.

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WITHDRAWN specs R96 04 .- series
Server location: 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, comments):
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, comments):
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, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
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, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
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, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 04 .- series
Server location: 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, comments):

WG (prime / other): - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

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, comments):

WG (prime / other): - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

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, comments):

WG (prime / other): - / *rapporteur:* VOSKAR, Paul NOKIA UK Ltd
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

TS 05.18 Hands free mobile station

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.19 Service to GSM handportables in trains
R96 *current version:* none *freeze_meeting:* smg-22
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* WILTSHIRE, Timothy
G: yes U: *MCC:* Robin N, A
Indicate persons who left Company and wait for new One

remarks - general:
remarks - this release: .

TR 05.20 Fast moving Mobile Station (study)
R96 *current version:* none *freeze_meeting:* smg-22
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* REINER, Michaël
G: yes U: *MCC:* N, A
Eads Telecom Deutschland GmbH

remarks - general:
remarks - this release: .

TS 05.30 General packet radio service requirements
R96 *current version:* none *freeze_meeting:* smg-22
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* CONRAD, Alan
G: yes U: *MCC:* N, A
T-MOBILE DEUTSCHLAND

remarks - general:
remarks - this release: .

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 *current version:* none *freeze_meeting:* smg-22
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* CANDISH, John
G: yes U: *MCC:* N, A
Xtempus Ltd

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 08 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
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): SPAN / N4 rapporteur: HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version, comments):
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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 09 .- series
Server location: 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, comments):

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, comments):
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, comments):
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

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 10 .- series
Server location: 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, comments):
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, comments):
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, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* MCC: YOON, Sang-Ui
history (event, available, version, comments):
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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 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
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, comments): 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, comments): 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, comments):
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
R96	<i>current version: none</i>					
	<i>freeze_meeting: smg-22</i>					
	<i>history (event, available, version, comments):</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					
R96	<i>current version: none</i>					
	<i>freeze_meeting: smg-22</i>					
	<i>history (event, available, version, comments):</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	

Ph2

Ph2

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.05	Definitions					
Ph2	<i>current version: none</i>					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version, comments):</i>					
		<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	VACANT,	
		<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	n.a.	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 01 .- series
Server location: 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, comments):

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, comments):

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, comments):

draft 21/08/1995 0 . 1 . 0
draft 01/06/1994 4 . 0 . 0

[get it](#) *remarks - general:*
[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 Teleca Limited
freeze_meeting: *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):
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 access.

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WITHDRAWN specs Ph2 03 .- series
Server location: 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 Teleca Limited
freeze_meeting: *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

ETSI publication 13/09/1994 4 . 1 . 2
ETSI OAP 06/03/1995 4 . 2 . 0
ETSI publication 01/08/1995 4 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn
[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, comments):

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, comments):

remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 09 .- series
Server location: 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, comments):

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, comments):

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, comments):
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 access.

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WITHDRAWN specs Ph1 00 .- series
Server location: 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, comments): *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, comments): *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, comments): *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 access.

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WITHDRAWN specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.10	Provision of Telecommunication Services					
Ph1	<i>current version:</i> none	<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 U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.12	Licensing					
Ph1	<i>current version:</i> none	<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 U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</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:</i> none	<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 U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.14	Service Directory					
Ph1	<i>current version:</i> none	<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 U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.15	Circulation of mobile stations					
Ph1	<i>current version:</i> none	<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 U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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WITHDRAWN specs Ph1 02 .- series
Server location: 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, comments):

Jan 1990 10/05/1994 3 . 3 . 0

? 10/05/1994 3 . 4 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* .

Ph1

11 .- series

Server location: 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

freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: yes *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:

remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version: none*

freeze_meeting:

history (event, available, version, comments):

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	get it
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

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:

Ph1 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)

Ph1 *current version: none*

freeze_meeting:

history (event, available, version, comments):

draft		0 . 0 . 0	
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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".

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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				
<i>current version:</i> none		<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>history (event, available, version, comments):</i>		<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 access.