

**3GPP TSG-CN
3GPP TSG-RAN
3GPP TSG-T
3GPP TSG-SA
Meeting #22, Hawaii (USA), December 2003**

***Tdoc NP-030469
Tdoc RP-030641
Tdoc TP-030273
Tdoc SP-030577***

Source: **MCC**
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Title: **Specs status list prior to TSGs#22**

Document for: **information**

The following table shows the status list immediately prior to TSGs#22. It differs from that corresponding to the end of SA#21 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#17.

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

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

3GPP specification status

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Active or Withdrawn / Stopped (Active specs first)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

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Withdrawn / Stopped

ACTIVE specs

Rel-7

Rel-7 **34** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests

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

WG (prime / other): T1 /
G: yes *U:* yes

rapporteur: ROSE, Ian RACAL INSTRUMENTS LTD
MCC: SULTAN, Alain

remarks - general: TP-21: Title changed from "Measurement uncertainty". Completion date: end 2004.
remarks - this release: TP-21: assume Rel-7 in view of projected end date.

Rel-6

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

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

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

WG (prime / other): SP / -
G: *U:* yes

rapporteur: MEREDITH, John M ETSI Secretariat
MCC: POPE, Maurice

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

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ACTIVE specs Rel-6 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-6	<i>current version:</i> 0.7.0	DRAFT	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	LAUTIER, Laurence	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>									
	draft	24/02/2003	0 . 7 . 0	inherited from Rel-5	get it	<i>remarks - general:</i>				
						<i>remarks - this release:</i>	SP-20: from Rel-5.			
<hr/>										
TR 21.900	Technical Specification Group working methods									
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i>		G: yes U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>									
	SP-21	26/09/2003	6 . 0 . 0		get it	<i>remarks - general:</i>				
						<i>remarks - this release:</i>	.			
<hr/>										
TR 21.902	Evolution of 3GPP system									
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	BISHOP, Craig	SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>									
	SP-18, Evolution meeting #2	03/01/2003	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	<i>remarks - general:</i>	SP-21: On closure of Evolution group, confirmed that ownership stays with SA.			
	revised to add missing text	08/01/2003	0 . 1 . 0		get it	<i>remarks - this release:</i>	SP-20: expect revised drafts 2003-06-20 & 2003-09-05. SP-21: approved as Rel-6 document.			
	SP-19, Evolution meeting #3	24/03/2003	0 . 1 . 1	EV-030002	get it					
	draft	07/04/2003	0 . 2 . 0		get it					
	draft	17/04/2003	0 . 2 . 1	incorporating comments post SP-19	get it					
	SP-20, Evolution meeting #4	02/06/2003	0 . 2 . 2	EV-030042	get it					
	draft	20/06/2003	1 . 1 . 0		get it					
	draft	20/06/2003	1 . 1 . 1		get it					
	Evolution workshop #5 prior to SP-21	29/09/2003	1 . 2 . 0	EV-030124	get it					
	Evolution workshop #5 prior to SP-21	29/09/2003	1 . 3 . 0	EV-030136	get it					
	SP-21	29/09/2003	2 . 0 . 0	SP-030518	get it					
	SP-21	26/09/2003	6 . 0 . 0	Approved as Rel-6. PCG to decide whether SDOs are to publish prior to Rel-6 freeze.	get it					

G = required in systems with GERAN acces; 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:* 6.4.0
freeze_meeting: SP-22
history (event, available, version, comments):

SP-17	16/09/2002	6	.	0	.	0
SP-18	18/12/2002	6	.	1	.	0
SP-19	25/03/2003	6	.	2	.	0
SP-20	18/06/2003	6	.	3	.	0
SP-21	30/09/2003	6	.	4	.	0

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

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

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

TS 22.011 Service accessibility

Rel-6 *current version:* 6.1.0
freeze_meeting:
history (event, available, version, comments):

SP-19	25/03/2003	6	.	0	.	0
SP-20	18/06/2003	6	.	1	.	0

WG (prime / other): S1 / - *rapporteur:* GALLAIRE, Jean Paul France Telecom
G: yes U: yes *MCC:* CLAYTON, Michael

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

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

Rel-6 *current version:* 6.1.0
freeze_meeting: SP-22
history (event, available, version, comments):

SP-20	18/06/2003	6	.	0	.	0
SP-21	30/09/2003	6	.	1	.	0

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: yes *MCC:* CLAYTON, Michael

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

TS 22.041 Operator Determined Call Barring

Rel-6 *current version:* 6.1.0
freeze_meeting:
history (event, available, version, comments):

SP-20	18/06/2003	6	.	0	.	0
SP-21	30/09/2003	6	.	1	.	0

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

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *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 22.060	General Packet Radio Service (GPRS); Service description; Stage 1					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-19 25/03/2003 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-18 18/12/2002 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-20 18/06/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-18 18/12/2002 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-20 18/06/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 22.071	Location Services (LCS); Stage 1					
Rel-6	<i>current version:</i> 6.5.0	<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				
	SP-19 25/03/2003 6 . 3 . 0	get it				
	SP-20 18/06/2003 6 . 4 . 0	get it				
	SP-21 30/09/2003 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 Rel-6 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
Rel-6	<i>current version:</i> 6.2.0	<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>		
	SP-19 25/03/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-21 30/09/2003 6 . 2 . 0	get it			
<hr/>					
TS 22.101	Service aspects; Service principles				
Rel-6	<i>current version:</i> 6.5.0	<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			
	SP-19 25/03/2003 6 . 3 . 0	get it			
	SP-20 18/06/2003 6 . 4 . 0	get it			
	SP-21 30/09/2003 6 . 5 . 0	get it			
<hr/>					
TS 22.105	Services and service capabilities				
Rel-6	<i>current version:</i> 6.2.0	<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>		
	SP-19 25/03/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-20 18/06/2003 6 . 2 . 0	get it			
<hr/>					
TS 22.115	Service Aspects Charging and billing				
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-19 25/03/2003 6 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-20 18/06/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-21 30/09/2003 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 Rel-6 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

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

TS 22.174 Push service; Stage 1

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
draft 27/03/2002 0 . 6 . 0 S1-020540 [get it](#) *remarks - general:*
draft 0 . 8 . 1 *remarks - this release:* SP-15: Timed out of Rel-5. SP-18: S1 seems to have lost interest in this spec. Known to be some holes in it.
SP-16 1 . 0 . 0 SP-020230 (inside liaison statement)
post SP-16 clean 04/07/2002 1 . 0 . 1 [get it](#)
up
SP-17 17/09/2002 2 . 0 . 0 SP-020571 [get it](#)
SP-17 16/09/2002 6 . 0 . 0 [get it](#)
SP-18 18/12/2002 6 . 1 . 0 [get it](#)
SP-19 25/03/2003 6 . 2 . 0 [get it](#)

TS 22.177 Speech-enabled services; Stage 1

Rel-6 *current version:* none *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
remarks - general: Spec number reserved; production depends on results of feasibility study (22.977).
remarks - this release: .

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

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: tbd *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-16 04/07/2002 6 . 0 . 0 [get it](#) *remarks - general:*
SP-17 17/09/2002 6 . 1 . 0 [get it](#) *remarks - this release:* SP-020234 slide 11 justifies existence.
SP-19 25/03/2003 6 . 2 . 0 [get it](#)
SP-20 18/06/2003 6 . 3 . 0 [get it](#)
SP-21 30/09/2003 6 . 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-6 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-17 17/09/2002 6 . 0 . 0 [get it](#) *remarks - general:*
SP-18 18/12/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-19 25/03/2003 6 . 2 . 0 [get it](#)
SP-21 30/09/2003 6 . 3 . 0 [get it](#)

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* AMERY, Paul ORANGE PCS LTD
freeze_meeting: tbd *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-17 16/09/2002 1 . 0 . 0 SP-020568 [get it](#) *remarks - general:* Cf work item 'Generic user profile'
SP-19 2 . 0 . 0 SP-030036 *remarks - this release:* SP-17: Expected for SP-18.
SP-19 25/03/2003 6 . 0 . 0 [get it](#)
SP-21 30/09/2003 6 . 1 . 0 [get it](#)

TS 22.242 Digital Rights Management (DRM); Stage 1

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* WOOD, Nicholas Openwave Systems (N.I.) Ltd
freeze_meeting: SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
draft ex Kobe 29/07/2003 0 . 0 . 0 [get it](#) *remarks - general:* SP-18: Stages 2 & 3 to be done by OMA.
SP-15 19/03/2002 1 . 0 . 0 SP-020061 [get it](#) *remarks - this release:* .
SP-16 04/07/2002 2 . 0 . 0 SP-020261 [get it](#)
SP-16 04/07/2002 6 . 0 . 0 [get it](#)
SP-17 17/09/2002 6 . 1 . 0 [get it](#)
SP-19 25/03/2003 6 . 2 . 0 [get it](#)

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:* 6.4.0 *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](#)
SP-19 25/03/2003 6 . 2 . 0 [get it](#)
SP-20 18/06/2003 6 . 3 . 0 [get it](#)
SP-21 30/09/2003 6 . 4 . 0 [get it](#)

TS 22.246 Multimedia Broadcast/Multicast Service (MBMS) teleservice requirements

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S1 / *rapporteur:* CURCIO, Igor NOKIA Corporation
freeze_meeting: *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):
SP-21 29/09/2003 1 . 0 . 0 SP-030511 [get it](#) *remarks - general:* SP-20: WID = SP-030347.
remarks - this release: .

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:* 6.1.0 *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:* .
SP-19 25/03/2003 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 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios						
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> FRANK, Robert	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	S1-18 0 . 0 . 5 S1-022295				<i>remarks - general:</i>		
	SP-18 20/12/2002 0 . 1 . 0 (annex to liaison)	get it			<i>remarks - this release:</i> SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply cleaned up but technically incomplete.		
	SP-19 24/03/2003 1 . 0 . 0 SP-030037	get it					
	SP-21 29/09/2003 2 . 0 . 0 SP-030471	get it					
	SP-21 30/09/2003 6 . 0 . 0	get it					
<hr/>							
TR 22.857	Run-time independent framework feasibility study						
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> WOODWARD, Ernest	INTEL CORPORATION SARL			
	<i>freeze_meeting:</i> SP-22	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> 6.2.0	<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					
	SP-21 30/09/2003 6 . 2 . 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					

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

TR 22.949	Study on a generalized privacy capability								
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	S1-20	25/06/2003	0 . 1 . 0	S1-030498		get it	<i>remarks - general:</i> WI: PrivCap.		
	draft	10/10/2003	0 . 3 . 0	S1-030932		get it	<i>remarks - this release:</i> .		
<hr/>									
TR 22.950	Priority service feasibility study								
Rel-6	<i>current version:</i> 6.2.0		<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). Work item = PRIOR.		
	draft		1 . 1 . 0				<i>remarks - this release:</i> .		
	SP-16	04/07/2002	2 . 0 . 0	SP-020260		get it			
	SP-16	04/07/2002	6 . 0 . 0			get it			
	SP-18	18/12/2002	6 . 1 . 0			get it			
	SP-19	25/03/2003	6 . 2 . 0			get it			
<hr/>									
TR 22.951	Service aspects and requirements for network sharing								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 0	S1-020342			<i>remarks - general:</i>		
	SP-17	16/09/2002	1 . 0 . 0	SP-020565		get it	<i>remarks - this release:</i> 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			
	SP-19	25/03/2003	6 . 1 . 0			get it			
<hr/>									
TR 22.952	Priority service guide								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030470		get it	<i>remarks - general:</i> Work item = PRIOR.		
							<i>remarks - this release:</i> SP-21: S2: "No stage 2 TS needed." Target is to approve at SP-22.		

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

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0
freeze_meeting: SP-22
history (event, available, version, comments):

S1-14		0	.	0	.	0			
S1-15		0	.	1	.	0			<i>remarks - general:</i>
S1 SES		0	.	2	.	0			<i>remarks - this release:</i> .
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	

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

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

TS 23.002 Network architecture

Rel-6 *current version:* 6.2.0
freeze_meeting:
history (event, available, version, comments):

SP-19	27/03/2003	6	.	0	.	0			
correct cover sheet	31/03/2003	6	.	0	.	1		get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
post SP-19								get it	<i>remarks - this release:</i> .
SP-20	20/06/2003	6	.	1	.	0		get it	
SP-21	01/10/2003	6	.	2	.	0		get it	

WG (*prime / other*): S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
G: yes U: yes *MCC:* YOON, Sang-Ui

TS 23.003 Numbering, Addressing and Identification

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version, comments):

NP-21	09/10/2003	6	.	0	.	0		get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .

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

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

TS 23.011	Technical realization of Supplementary Services					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-19 04/04/2003 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 23.016	Subscriber data management; Stage 2					
Rel-6	<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>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-19 04/04/2003 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 23.018	Basic Call Handling; Technical realization					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-21 09/10/2003 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 23.038	Alphabets and language-specific information					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-21 03/10/2003 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 23.040	Technical realization of Short Message Service (SMS)					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> 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> 2003-12-03: Note that this spec also contains stage 3.
	post TP-17: adds 24/09/2002 6 . 0 . 1				get it	<i>remarks - this release:</i> .
	test vector file					
	TP-20 26/06/2003 6 . 1 . 0				get it	
	TP-21 08/10/2003 6 . 2 . 0				get it	

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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 *current version:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-19 25/03/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-16 28/06/2002 6 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
TP-17 18/09/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-21 14/10/2003 6 . 2 . 0 [get it](#)

TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: *G: yes U: yes* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-19 27/03/2003 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-20 20/06/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-21 01/10/2003 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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> 6.3.0	<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>	2003-12-03: Note that this spec also contains stage 3.				
	TP-19 31/03/2003 6 . 1 . 0	get it		<i>remarks - this release:</i>	.				
	TP-20 26/06/2003 6 . 2 . 0	get it							
	TP-21 08/10/2003 6 . 3 . 0	get it							
<hr/>									
TS 23.141	Presence service; Architecture and functional description; Stage 2								
Rel-6	<i>current version:</i> 6.4.0	<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	get it		<i>remarks - this release:</i>	.				
	SP-17 07/10/2002 6 . 0 . 0	get it			Many editorial corrections needed before fit for SDO publication.				
	SP-18 10/01/2003 6 . 1 . 0	get it							
	SP-19 27/03/2003 6 . 2 . 0	get it							
	SP-20 20/06/2003 6 . 3 . 0	get it							
	SP-21 01/10/2003 6 . 4 . 0	get it							
<hr/>									
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 reserve the number just in case ...".				
				<i>remarks - this release:</i>	SP-17: Rel-5 -> Rel-6 to accord with stage 1.				

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

TS 23.207	End-to-end Quality of Service (QoS) concept and architecture								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson		Nippon Ericsson K.K.			
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-21 01/10/2003 6 . 0 . 0						get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 23.209	Policy control over Gq interface								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> SILLANPÄÄ, Anna		NOKIA Corporation			
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
								<i>remarks - general:</i>	WI = IMS Phase 2 (UID 32021)
								<i>remarks - this release:</i>	.
<hr/>									
TS 23.221	Architectural requirements								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth		Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-19 27/03/2003 6 . 0 . 0						get it	<i>remarks - general:</i>	Derived from R99-specific 23.121
	SP-21 01/10/2003 6 . 1 . 0						get it	<i>remarks - this release:</i>	.
<hr/>									
TS 23.228	IP Multimedia Subsystem (IMS); Stage 2								
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TOWLE, Thomas		Lucent Technologies			
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes <i>U:</i> 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	corrects Rel shown on front cover.					get it	<i>remarks - this release:</i>	SP-21: Envisage modifications to cater for PoC feature.
	SP-19 27/03/2003 6 . 1 . 0						get it		
	SP-20 23/06/2003 6 . 2 . 0						get it		
	SP-21 01/10/2003 6 . 3 . 0						get it		

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

TS 23.234	3GPP system to Wireless Local Area Network (WLAN) interworking; System description							
Rel-6	<i>current version:</i> 2.3.0	DRAFT		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui	KT Freetel Co., Ltd.		
	<i>freeze_meeting:</i> SP-22			<i>G:</i> 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-19: Doc has been split into scenario 2 and	
	SP-17	04/10/2002	1 . 0 . 0	SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).	get it		scenario 3 parts, and will be for approval at SP-20.	
	draft	06/01/2003	1 . 2 . 1		get it			
	draft	08/01/2003	1 . 3 . 0		get it			
	SP-19	24/03/2003	1 . 6 . 0	Annexed to LS in SP-030065 (ex S2-030727),	get it			
	S2-31		1 . 7 . 0					
	draft	25/04/2003	1 . 8 . 0		get it			
	SP-20	17/06/2003	1 . 10 . 0	SP-030313	get it			
	S2-34		1 . 14 . 0					
	SP-21	29/09/2003	2 . 0 . 0	SP-030391. Not approved - many outstanding issues (no. of scenarios, tunnelling, ...)	get it			
	SP-22	02/12/2003	2 . 3 . 0	S2-034357	get it			
<hr/>								
TS 23.240	3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)							
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UZQUIANO, Nacho	TELEFONICA DE ESPAÑA SA		
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>							
	SP-19	24/03/2003	1 . 0 . 0	S2-030944 -> SP-030031	get it	<i>remarks - general:</i> Cf work item 'Generic user profile'		
	S2-31	22/04/2003	1 . 1 . 0		get it	<i>remarks - this release:</i> SP-19: moved from Rel-5		
	S2-32	26/05/2003	1 . 2 . 0	S2-032170	get it			
	SP-20	26/05/2003	2 . 0 . 0	S2-032171 -> SP-030310	get it			
	SP-20	20/06/2003	6 . 0 . 0		get it			
	SP-21	01/10/2003	6 . 1 . 0		get it			

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

TS 23.241 3GPP Generic User Profile (GUP) ; Stage 2; Data description method

Rel-6 *current version:* 0.4.3 DRAFT *WG (prime / other):* T2 / *rapporteur:* BISCHINGER, Kurt T-Mobile AUSTRIA GmbH
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

draft 28/05/2002 0 . 3 . 0
draft 0 . 3 . 1
draft 0 . 3 . 2
draft 0 . 3 . 3
draft 0 . 3 . 4
draft 0 . 3 . 5
draft 0 . 4 . 0
draft 0 . 4 . 1
draft 0 . 4 . 2
draft 12/09/2003 0 . 4 . 3

[get it](#)

remarks - general: Cf work item 'Generic user profile'
remarks - this release: RP-15: Delayed from Rel-5.

[get it](#)

TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre 3
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft 0 . 0 . 0
S2-27 14/11/2002 0 . 1 . 0
S2-28 0 . 2 . 0
add TS number 18/12/2002 0 . 2 . 1
S2-29 24/02/2003 0 . 3 . 0
S2-30 0 . 4 . 0

S2-31 29/04/2003 0 . 5 . 0
S2-32 0 . 6 . 0
SP-20 17/06/2003 1 . 0 . 0
S2-33 17/07/2003 1 . 1 . 0
S2-34 1 . 2 . 0
editorial 1 . 2 . 1
SP-21 29/09/2003 2 . 0 . 0
SP-21 08/10/2003 6 . 0 . 0

[get it](#)

remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.
remarks - this release: SP-15: from Rel-5.

[get it](#)

[get it](#)

SP-19: was to have been SP-030128 but never presented (withdrawn unseen from mtg)

[get it](#)

[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-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 *current version:* 6.5.0 *DRAFT* *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-16 18/06/2002 6 . 0 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
SP-17 02/10/2002 6 . 1 . 0 [get it](#) *remarks - this release:* Continues 23.871
SP-18 09/01/2003 6 . 2 . 0 [get it](#)
SP-19 27/03/2003 6 . 3 . 0 [get it](#)
SP-20 23/06/2003 6 . 4 . 0 [get it](#)
SP-21 02/10/2003 6 . 5 . 0 [get it](#)

TR 23.825 Overall architecture aspects of IP flow based bearer level charging; Stage 2

Rel-6 *current version:* 1.1.0 *DRAFT* *WG (prime / other):* S2 / - *rapporteur:* WILLIAMS, Brian Telefon AB LM Ericsson
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
draft 0 . 1 . 0 *remarks - general:*
S2-29 0 . 2 . 0 *remarks - this release:* .
S2-30 08/04/2003 0 . 3 . 0 [get it](#)
S2-31 17/07/2003 0 . 4 . 0 [get it](#)
draft 0 . 4 . 1
S2-32 02/06/2003 0 . 5 . 0 [get it](#)
S2-33 0 . 6 . 0
draft 24/07/2003 0 . 6 . 1 [get it](#)
S2-34 01/09/2003 0 . 7 . 0 [get it](#)
SP-21 11/09/2003 1 . 0 . 0 SP-030389 [get it](#)
S2-35 07/11/2003 1 . 1 . 0 [get it](#)

TR 23.835 Study into applicability of Galileo in Location Services (LCS)

Rel-6 *current version:* 1.0.0 *DRAFT* *WG (prime / other):* S2 / - *rapporteur:* DAMIDAUX, Jean-louis ALCATEL S.A.
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
S2-30 0 . 0 . 0 *remarks - general:* WID contained in S2-022472. See also
S2-31 14/04/2003 0 . 0 . 1 S2-031153 [get it](#) *remarks - this release:* . http://www.esa.int/export/esaSA/GGGMX650NDC_navigation_0.html.
S2-31 0 . 0 . 2
S2-31 0 . 1 . 0
S2-31 0 . 2 . 0
SP-20 28/05/2003 1 . 0 . 0 SP-030311 [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

TR 23.841	Presence service architecture								
Rel-6	<i>current version:</i> 6.0.0			WG (prime / other):	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			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.	
<hr/>									
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2								
Rel-6	<i>current version:</i> 6.1.0			WG (prime / other):	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			get it			SP-020361
	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			get it			SP-020535
	SP-17	03/10/2002	6 . 0 . 0			get it			
	SP-18	13/01/2003	6 . 1 . 0			get it			
<hr/>									
TS 23.851	Network sharing; Architecture and functional description								
Rel-6	<i>current version:</i> 1.1.0		DRAFT	WG (prime / other):	S2 /	<i>rapporteur:</i>	NILSSON, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i>			G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 0				<i>remarks - general:</i>		
	draft		0 . 1 . 0				<i>remarks - this release:</i>	.	
	S2-32	02/05/2003	0 . 2 . 0			get it			S2-031973
	S2-33	19/08/2003	0 . 4 . 0			get it			
	S2-33	19/08/2003	0 . 4 . 1			get it			
	draft	29/08/2003	0 . 5 . 0			get it			
	SP-21	29/09/2003	1 . 0 . 0			get it			SP-030388
	draft	17/11/2003	1 . 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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks								
Rel-6	current version: 0.6.0	DRAFT	WG (prime / other): S2 / -	rapporteur: BERTENYI, Balazs	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	S2-29	03/02/2003	0 . 3 . 1	2003-02-03: Renumbered to 23.864.	get it	remarks - general:	Was briefly 23.964.		
	draft	24/02/2003	0 . 4 . 0		get it	remarks - this release:	.		
	draft	24/02/2003	0 . 4 . 1		get it				
	draft	24/03/2003	0 . 5 . 0		get it				
	S2-31	22/04/2003	0 . 6 . 0	inc S2-031533	get it				
<hr/>									
TR 23.867	Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions								
Rel-6	current version: 0.4.0	DRAFT	WG (prime / other): S2 / -	rapporteur: POIKSELKA, Miikka	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	post S2-30	02/04/2003	0 . 0 . 0	based on S2-030911rev7 and S2-030551.	get it	remarks - general:	2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060 and		
	draft	17/04/2003	0 . 1 . 0		get it	remarks - this release:	. 23.228.		
	post S2-32	17/06/2003	0 . 2 . 0		get it				
	post S2-33	15/07/2003	0 . 3 . 0		get it				
	S2-34	04/09/2003	0 . 4 . 0		get it				
<hr/>									
TR 23.877	Architectural aspects of speech-enabled services								
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): S2 / -	rapporteur: XUAN, Qing	VODAFONE Group Plc				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	S2-34	21/08/2003	0 . 0 . 0	S2-033088	get it	remarks - general:	WID = SP-030305.		
	S2-35	03/11/2003	0 . 0 . 1	S2-033558	get it	remarks - this release:	.		
<hr/>									
TR 23.881	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S2 / -	rapporteur: MILINSKI, Alexander	SIEMENS AG				
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui					
	history (event, available, version, comments):								
	draft	14/10/2003	0 . 0 . 0		get it	remarks - general:	SP-21: WI = SP-030385		
	S2-35	03/11/2003	0 . 1 . 0		get it	remarks - this release:	.		

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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 *current version:* 6.2.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
draft 0 . 4 . 0 *remarks - general:*
SP-18 10/01/2003 1 . 0 . 0 SP-020797 for approval [get it](#) *remarks - this release:* .
SP-18 13/01/2003 6 . 0 . 0 Anticipate CR next mtg to clarify that this [get it](#)
is not a loophole to allow untested UEs to
be placed on the market.
SP-19 27/03/2003 6 . 1 . 0 [get it](#)
SP-20 20/06/2003 6 . 2 . 0 [get it](#)

TR 23.917 Dynamic policy control enhancements for End to end Quality of Service (QoS)

Rel-6 *current version:* 1.1.1 DRAFT *WG (prime / other):* S2 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
draft 07/08/2002 0 . 0 . 0 [get it](#) *remarks - general:* Work Item: SP-020140
draft 24/09/2002 0 . 1 . 0 [get it](#) *remarks - this release:* .
draft 24/09/2002 0 . 2 . 0 [get it](#)
draft 14/11/2002 0 . 3 . 0 [get it](#)
draft 14/11/2002 0 . 3 . 1 [get it](#)
S2-28 16/12/2002 0 . 4 . 0 [get it](#)
draft 16/12/2002 0 . 4 . 1 [get it](#)
S2-29 13/02/2003 0 . 5 . 0 [get it](#)
S2-29 13/02/2003 0 . 5 . 1 [get it](#)
S2-30 29/04/2003 0 . 6 . 0 [get it](#)
S2-31 22/04/2003 0 . 7 . 0 includes S2-031354, S2-031534, [get it](#)
S2-031598
S2-33 24/07/2003 0 . 9 . 0 [get it](#)
S2-34 02/09/2003 0 . 10 . 0 [get it](#)
SP-21 11/09/2003 1 . 0 . 0 SP-030386 [get it](#)
S2-35 12/11/2003 1 . 1 . 0 [get it](#)
draft 17/11/2003 1 . 1 . 1 [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

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

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-19 24/03/2003 6 . 0 . 0 [get it](#) *remarks - general:*
NP-20 04/07/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .
NP-21 09/10/2003 6 . 2 . 0 [get it](#)

TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: yes U: yes *MCC:* Skov JORGENSEN, Per Johan
history (event, available, version, comments):
NP-21 10/10/2003 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 24.088 Call Barring (CB) Supplementary Service; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: G: yes U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.141 Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 0.2.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: G: yes U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
draft 0 . 0 . 1 *remarks - general:* WI = PRSNC (UID 2499)
draft 0 . 0 . 2 *remarks - this release:* .
N1-31 0 . 0 . 3
N1-31 11/09/2003 0 . 1 . 0 [get it](#)
N1-32 12/11/2003 0 . 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-6 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.247 Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 0.2.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
draft 19/08/2003 0 . 0 . 0 [get it](#) *remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-E
draft 10/10/2003 0 . 1 . 0 [get it](#) *remarks - this release:* .
draft 04/12/2003 0 . 2 . 0

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

Rel-6 *current version:* 1.1.2 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](#)
N1-29 06/05/2003 0 . 6 . 0 [get it](#)
NP-20 02/06/2003 1 . 0 . 0 NP-030303 [get it](#)
draft 26/09/2003 1 . 1 . 0 [get it](#)
draft 29/09/2003 1 . 1 . 1 [get it](#)
post N1-31 08/10/2003 1 . 1 . 2 [get it](#)

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

TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: SP-22 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-19 04/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
RP-20 27/06/2003 6 . 1 . 0 [get it](#) *remarks - this release:* RP-16 agreed not to implement the CR creating this Release.
RP-21 29/09/2003 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 Rel-6 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104	Base Station (BS) radio transmission and reception (FDD)								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	SKÖLD, Johan	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-22	<i>G:</i>		<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>			
	RP-19	04/04/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-20	27/06/2003	6 . 2 . 0		get it				
	RP-21	29/09/2003	6 . 3 . 0		get it				
<hr/>									
TS 25.133	Requirements for support of radio resource management (FDD)								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	GUERRINI, Claudio	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-22	<i>G:</i>		<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>			
	RP-19	04/04/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-20	01/07/2003	6 . 2 . 0		get it				
	RP-21	10/10/2003	6 . 3 . 0		get it				
<hr/>									
TS 25.141	Base Station (BS) conformance testing (FDD)								
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	NAKAMURA, Takaharu	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-22	<i>G:</i>		<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>			
	RP-19	04/04/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-20	27/06/2003	6 . 2 . 0		get it				
	RP-21	29/09/2003	6 . 3 . 0		get it				
<hr/>									
TS 25.331	Radio Resource Control (RRC) protocol specification								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i>	<i>G:</i>		<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-21		6 . 0 . 0	RP-21: Will not be produced till more substantive CRs are approved or until Release is frozen.		<i>remarks - general:</i>			
						<i>remarks - this release:</i>	Created by CR at RP-21, but will not be created until more substantive CRs are required. (Saves on maintenance work.)		

G = required in systems with GERAN acces; 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

TS 25.346 Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)

Rel-6 *current version:* 2.4.0 DRAFT *WG (prime / other):* R2 / - *rapporteur:* PIRSKANEN, Juho NOKIA Corporation
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

R2-31		0 . 0 . 1	R2-021846		<i>remarks - general:</i>
R2-32		0 . 1 . 0	R2-020590		<i>remarks - this release:</i> .
R2 / R3 MBMS ad hoc	14/10/2002	1 . 1 . 0	R2-030006	get it	
draft	23/01/2003	1 . 2 . 0		get it	
draft	03/02/2003	1 . 3 . 0		get it	
R2-34		1 . 4 . 0	R2-030122		
R2-35		1 . 5 . 0	R2-030707		
R2 / R3 MBMS ad hoc	21/05/2003	1 . 6 . 0	R2-030882	get it	
RP-20	02/06/2003	2 . 0 . 0	RP-030309 - not approved	get it	
draft		2 . 0 . 1	mods based on v2.0.0 so this version not uploaded (invalid) because v2.1.0 already available		
R3-37	19/08/2003	2 . 1 . 0	cleaned up draft from MCC	get it	
R3-38	03/11/2003	2 . 3 . 0		get it	
R3-39	26/11/2003	2 . 4 . 0	various draft versions of v2.4.0 were circulated on R2 exploder	get it	

TS 25.401 UTRAN overall description

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)
freeze_meeting: *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-19	26/03/2003	6 . 0 . 0		get it	<i>remarks - general:</i> Approval at TSG#5
RP-20	17/06/2003	6 . 1 . 0		get it	<i>remarks - this release:</i> .

TS 25.450 UTRAN Iu-PS interface general aspects and principles

Rel-6 *current version:* 6.0.0 *WG (prime / other):* R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.
freeze_meeting: *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-19	26/03/2003	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 Rel-6 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.452	UTRAN Iu-CS interface: signalling transport								
Rel-6	current version: 6.0.0		WG (prime / other): R3 /	rapporteur: JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.				
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, comments):								
	RP-19 26/03/2003 6 . 0 . 0		get it	remarks - general:					
				remarks - this release: .					
<hr/>									
TS 25.453	UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling								
Rel-6	current version: 6.2.0		WG (prime / other): R3 /	rapporteur: JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.				
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, comments):								
	RP-19 26/03/2003 6 . 0 . 0		get it	remarks - general:					
	RP-20 17/06/2003 6 . 1 . 0		get it	remarks - this release: .					
	RP-21 30/09/2003 6 . 2 . 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								
Rel-6	current version: Resource Management (RRM)	6.0.0	WG (prime / other): R3	rapporteur: MILLER, James					
	INTERDIGITAL COMMUNICATIONS CORPORATION								
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, comments):								
	RP-20 17/06/2003 1 . 0 . 0	RP-030342	get it	remarks - general:					
	RP-21 26/09/2003 2 . 0 . 0	RP-030425	get it	remarks - this release: .					
	RP-21 30/09/2003 6 . 0 . 0		get it						
<hr/>									
TR 25.803	S-CCPCH performance for MBMS								
Rel-6	current version: 1.2.0	DRAFT	WG (prime / other): R1 /	rapporteur: MALLADI, Durga	QUALCOMM EUROPE S.A.R.L.				
	freeze_meeting:		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version, comments):								
	R1-33 0 . 0 . 1			remarks - general:					
	R1-33 11/09/2003 0 . 0 . 2		get it	remarks - this release: 2003-06-25: anticipate approval at RP-22.					
post	R1-33 13/09/2003 0 . 1 . 0	R1-030950	get it						
	RP-21 29/09/2003 1 . 0 . 0	RP-030535	get it						
	R1-34 1 . 1 . 0								
	R1-35 24/11/2003 1 . 1 . 1	R1-031412	get it						
	R1-35 02/12/2003 1 . 2 . 0	R1-031413 (R1-35)	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 25.804	Feasibility study on uplink enhancements for UTRA TDD								
Rel-6	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS CORPORATION				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i> R1-33 05/09/2003 0 . 0 . 1 R1-030940		get it	<i>remarks - general:</i> 2003-09-04: anticipated approval at RP-223. WI = RInImp-FSUpEnhTDD. <i>remarks - this release:</i> .					
<hr/>									
TR 25.805	DS-CDMA introduction in the 800 MHz band								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NAKAMURA, Takehiro	NTT DoCoMo Inc.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> WI = RInImp-UMTS800 (UID 24009) <i>remarks - this release:</i> .					
<hr/>									
TR 25.806	UMTS 1700/2100MHz and UMTS 850MHz Work Items								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NUMMINEN, Jussi	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> WI = RInImp-UMTS850 (UID 24007) & RInImp-UMTS1721 (UID 24010) <i>remarks - this release:</i> .					
<hr/>									
TR 25.852	lu enhancements for IP Multimedia (IMS) support in UTRAN								
Rel-6	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> GODIN, Philippe	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version, comments):</i> RP-11 06/04/2001 0 . 0 . 0 Inherited from Rel-4.		get it	<i>remarks - general:</i> 2003-09-08: Title changed from "Radio access bearer support enhancements for the <i>remarks - this release:</i> . lu".					
<hr/>									
TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo	TEKMAR Sistemi Srl an Andrew Company				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i> RP-14 02/01/2002 1 . 0 . 0 inherited from Rel-5		get it	<i>remarks - general:</i> <i>remarks - this release:</i> 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.					
<hr/>									

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 25.869	Transmitter diversity solutions for multiple antennas								
Rel-6	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-15	19/03/2002	1 . 0 . 2	RP-020130 - RP-20: to Rel-6	get it	<i>remarks - general:</i>			
	draft		1 . 1 . 0			<i>remarks - this release:</i>	.		
	draft		1 . 1 . 1						
	draft	30/09/2003	1 . 2 . 0	R1-030946	get it				
<hr/>									
TR 25.876	Multiple Input Multiple Output (MIMO) Antennae in UTRA								
Rel-6	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard	Lucent Technologies				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	R1-34	03/11/2003	1 . 1 . 1		get it	<i>remarks - general:</i>	RP-20: reference to HSDPA removed from title		
	post R1-34	26/11/2003	1 . 2 . 0	R1-031398	get it	<i>remarks - this release:</i>	Timed out of Rel-5.		
<hr/>									
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		<i>G:</i> 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> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LI, Xiaoqiang	SAMSUNG Electronics Research Institute				
	<i>freeze_meeting:</i> SP-22		<i>G:</i> 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>			
	RP-21	26/09/2003	2 . 0 . 0	RP-030500	get it	<i>remarks - this release:</i>	.		
	RP-21	13/10/2003	6 . 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-6 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.889	Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements				
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> STAHLFJALL, Peter	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-22		<i>G:</i> 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
	R4-26		1 . 3 . 0		
	R4-27		1 . 4 . 0		
	RP-20	17/06/2003	2 . 0 . 0	RP-030343	get it
	RP-20	01/07/2003	6 . 0 . 0	RP-21: Agreed (RP-030511) to send this document to ITU-R WP8F, so it needs to be an externally published TR rather than 3GPP-internal. On closer inspection, it is full of illegal references to non-publicly-available documents. So do not publish.	get it

TR 25.891	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5				
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation
	<i>freeze_meeting:</i> SP-22		<i>G:</i> 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
	draft	18/06/2003	0 . 3 . 0		get it

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

TR 25.892 Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement

Rel-6 *current version:* 0.5.2 DRAFT *WG (prime / other):* R1 / *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-19 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

R1-27 0 . 0 . 1
R1-29 0 . 0 . 2
R1-33 0 . 0 . 3
R1-31 0 . 1 . 0
R1-31 0 . 1 . 1
R1-31 0 . 1 . 2
R1-31 31/03/2003 0 . 2 . 0
R1-31 0 . 2 . 1
R1-33 0 . 3 . 0
R1-33 05/09/2003 0 . 3 . 1
R1-34 0 . 4 . 0
R1-34 21/10/2003 0 . 4 . 1
R1-35 0 . 5 . 0
R1-35 0 . 5 . 1
R1-35 03/12/2003 0 . 5 . 2

R1-031150 (includes R1-031127)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general:
remarks - this release: .

TR 25.894 Enhanced UE positioning using software blanking

Rel-6 *current version:* none *WG (prime / other):* R2 / - *rapporteur:* BARTLETT, David Cambridge Positioning Systems Limited
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

remarks - general:
remarks - this release: .

TR 25.895 Analysis of higher chip rates for UTRA TDD evolution

Rel-6 *current version:* 1.3.1 DRAFT *WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

RP-19 24/03/2003 1 . 0 . 0 RP-030095
R1-31 09/09/2003 1 . 2 . 0 R1-030926
R1-34 15/10/2003 1 . 2 . 2 R1-031143
R1-35 1 . 3 . 0
R4-29 03/12/2003 1 . 3 . 1 R4-031018

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general:
remarks - this release: 2002-10-07: anticipate approval at RP-20.

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

TR 25.896 Feasibility study for enhanced uplink for UTRA FDD

Rel-6 *current version:* 1.1.1 DRAFT

freeze_meeting: SP-22

WG (prime / other): R1 / - *rapporteur:* RANTA-AHO, Karri NOKIA Corporation

G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

R1-28b	0 . 0 . 1	R1-021218	
R1-29	0 . 0 . 2	R1-021259	
R1-30	0 . 0 . 3		
R1-30	0 . 0 . 4		
R1-30	0 . 1 . 0		
R1-30	0 . 1 . 1		
R1-31	0 . 2 . 0	R1-030311	
R1-31	0 . 2 . 1		
R1-31	0 . 2 . 2		
post R1-31	0 . 3 . 0		
RP-32	0 . 3 . 1		
post RP-32	0 . 3 . 2		
post RP-32	0 . 3 . 3		
R1-33	0 . 4 . 0		
post R1-33	04/09/2003 0 . 4 . 1	R1-030951	get it
post R1-33	13/09/2003 0 . 4 . 2	R1-030952	get it
RP-21	26/09/2003 1 . 0 . 0	RP-030512	get it
draft	13/10/2003 1 . 0 . 1	R1-031148	get it
R1-35	03/11/2003 1 . 0 . 2	R1-031164	get it
post R1-35	1 . 1 . 0		
post R1-35	03/12/2003 1 . 1 . 1	R1-031422	get it

remarks - general:

remarks - this release: .

TR 25.897 Feasibility study on the evolution of UTRAN architecture

Rel-6 *current version:* 0.3.1 DRAFT

freeze_meeting: SP-22

WG (prime / other): R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation

G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

draft	24/01/2003 0 . 1 . 1		
R3-36	19/08/2003 0 . 2 . 1		
R3-38	06/11/2003 0 . 3 . 1	R3-031555	

[get it](#)

remarks - general:

remarks - this release: .

[get it](#)

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

TR 25.898	Power control enhancements for UTRA								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MITRA, Diptendu	NOKIA UK Ltd				
	<i>freeze_meeting:</i> SP-22		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	R1-33	10/09/2003	0 . 1 . 0	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 25.899	High Speed Download Packet Access (HSDPA) enhancements								
Rel-6	<i>current version:</i> 0.3.1	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> FUKUI, Noriyuki	Mitsubishi Electric Co.				
	<i>freeze_meeting:</i> RP-21		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 1	R1-021443					<i>remarks - general:</i>
	R1-31		0 . 0 . 2	R1-030373					<i>remarks - this release:</i>
	R1-31		0 . 0 . 3	R1-030380					
	R1-31		0 . 1 . 0	R1-030382					
	R1-32		0 . 2 . 0	R1-030634					
	R1-34	14/10/2003	0 . 2 . 1	R1-031149	get it				
	R1-34	07/11/2003	0 . 2 . 2	R1-031174	get it				
	draft		0 . 3 . 1	R1-031418					
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TR 25.901	Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects								
Rel-6	<i>current version:</i> 0.1.1	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HALL, Edward	VODAFONE LTD				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version, comments):</i>								
	draft	04/07/2003	0 . 1 . 1	get it	<i>remarks - general:</i>	WI UID 23011. See also 44.901.			
					<i>remarks - this release:</i>				
<hr/>									
TR 25.942	RF system scenarios								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V				
	<i>freeze_meeting:</i> SP-22		<i>G:</i> 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>	Additional rapporteur = A.De Pasquale.			
	RP-21	10/10/2003	6 . 1 . 0	get it	<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 25.951	Base Station (BS) classification (FDD)								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> SÄYNÄJÄKANGAS, NOKIA Corporation				
	<i>freeze_meeting:</i>		G:	U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-19	24/03/2003	2 . 0 . 0	RP-030155	get it		<i>remarks - general:</i>		
	RP-19	04/04/2003	6 . 0 . 0		get it		<i>remarks - this release:</i> RP-19: from Rel-5.		
	RP-20	27/06/2003	6 . 1 . 0		get it				
	RP-21	10/10/2003	6 . 2 . 0		get it				

TR 25.992	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> RP / GP		<i>rapporteur:</i> PIRSKANEN, Juho NOKIA Corporation				
	<i>freeze_meeting:</i> SP-22		G: yes	U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	draft		1 . 0 . 0	NOT seen by TSG RAN. Suspect version			<i>remarks - general:</i>		
				number is too optimistic.			<i>remarks - this release:</i> .		
	draft		1 . 1 . 0						
	draft	20/01/2003	1 . 2 . 0	Exploder list. Still not seen by RAN.	get it				
	RP-19	24/03/2003	1 . 3 . 0	RP-030016	get it				
	RP-20	02/06/2003	2 . 0 . 0	RP-030310 - not approved	get it				
	pre-RP-21	19/08/2003	2 . 0 . 1	cleaned up draft from MCC	get it				
	RP-21	29/09/2003	2 . 0 . 2	RP-030426	get it				
	RP-21	02/10/2003	6 . 0 . 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-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> R2 /		<i>rapporteur:</i> FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-22		G:	U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-18	16/12/2002	0 . 0 . 0	RP-020814; version number incorrect on	get it		<i>remarks - general:</i>		
				the document			<i>remarks - this release:</i> SP-17: Currently the latest release version.		
	RP-18	16/01/2003	0 . 1 . 0	RP-020877	get it				
	RP-18		2 . 0 . 0	RP-020890 = composite of previous two					
				versions!					
	RP-18	13/01/2003	6 . 0 . 0	also created identical R99, Rel-4, Rel-5	get it				
				versions					
	RP-19	25/03/2003	6 . 1 . 0		get it				
	RP-20	20/06/2003	6 . 2 . 0		get it				
	RP-21	02/10/2003	6 . 3 . 0		get it				

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

TR 25.996 Spatial channel model for Multiple Input Multiple Output (MIMO) simulations
Rel-6 *current version:* 6.1.0 *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies
freeze_meeting: G: U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
RP-19 24/03/2003 1 . 0 . 0 RP-030181 [get it](#) *remarks - general:*
RP-20 17/06/2003 2 . 0 . 0 RP-030311 [get it](#) *remarks - this release:* .
RP-20 03/07/2003 6 . 0 . 0 [get it](#)
RP-21 29/09/2003 6 . 1 . 0 [get it](#)

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

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

TS 26.141 IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs
Rel-6 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general: WI = "Media Codecs and Formats for IMS Messaging and Presence" UID 32045.
remarks - this release: .

TS 26.234 Transparent end-to-end 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: SP-19: CRs anticipated at SP-22. SP-21: Intend to split the Rel-6 spec into four separate specs.

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

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

TS 26.235 Packet switched conversational multimedia applications; Default codecs
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-20 25/06/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 26.244 Transparent end-to-end streaming service; 3GPP file format (3GP)
Rel-6 *current version:* 0.2.5 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
draft 04/04/2003 0 . 1 . 3 [get it](#) *remarks - general:*
draft 0 . 2 . 5 *remarks - this release:* .

TS 26.245 Transparent end-to-end streaming service; Timed text format
Rel-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
draft 0 . 0 . 0 S4-020670 *remarks - general:*
draft 0 . 1 . 0 S4-030023 *remarks - this release:* .
draft 0 . 1 . 1 S4-030062
draft 0 . 1 . 2 S4-030151
draft 04/04/2003 0 . 1 . 3 S4-030251 [get it](#)
draft 0 . 1 . 4 S4-030344
S4-26 0 . 1 . 5 S4-030421
draft 24/07/2003 0 . 1 . 6 S4-030581 [get it](#)

TS 26.246 Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile
Rel-6 *current version:* 0.0.3 DRAFT *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino
freeze_meeting: *G:* *U:* yes *MCC:*
history (event, available, version, comments):
draft 03/04/2003 0 . 0 . 1 [get it](#) *remarks - general:* Created S4-25bis. See S4-030135.
draft 0 . 0 . 2 erroneously numbered v6.0.2 *remarks - this release:* .
draft 29/08/2003 0 . 0 . 3 erroneously numbered v6.0.3 [get it](#)

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

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

TS 26.346 Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs

Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* SZELAZEK, Bill 3
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
S4-28 0 . 0 . 0 *remarks - general:* WI = "Multimedia Broadcast and Multicast Service" UID 2544.
draft 29/08/2003 0 . 1 . 0 does not show spec number or version [get it](#) *remarks - this release:* .
on cover

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:* 6.4.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-22 G: yes U: yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, 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:* .
TP-19 31/03/2003 6 . 2 . 0 [get it](#)
TP-20 23/06/2003 6 . 3 . 0 [get it](#)
TP-21 03/10/2003 6 . 4 . 0 [get it](#)

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:* 6.3.0 *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:*
NP-19 04/04/2003 6 . 1 . 0 [get it](#) *remarks - this release:*
NP-20 08/07/2003 6 . 2 . 0 [get it](#)
NP-21 09/10/2003 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 Rel-6 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-6	current version: Procedures and the Mobile Application Part (MAP) 6.0.0WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting:	G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version, comments):	get it remarks - general: Transfer>TSG#4 (transfer??) MP-21 09/10/2003 6 . 0 . 0 remarks - this release: .

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface
Rel-6	current version: 6.2.0 WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB freeze_meeting: G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version, comments):	get it remarks - general: NP-19 04/04/2003 6 . 0 . 0 get it remarks - this release: . NP-20 27/06/2003 6 . 1 . 0 get it NP-21 09/10/2003 6 . 2 . 0

TS 29.109	Bootstrapping and subscriber certificates; Diameter protocols; Stage 3
Rel-6	current version: none WG (prime / other): N4 / - rapporteur: LAITINEN, Lauri NOKIA Corporation freeze_meeting: G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version, comments):	remarks - general: WI = SEC1-SC (UID 33002) remarks - this release: .

TS 29.162	Interworking between the IM CN subsystem and IP networks
Rel-6	current version: none WG (prime / other): N3 / rapporteur: HOLLAND, Nigel mmO2 plc freeze_meeting: G: yes U: yes MCC: BOSWARTHICK, David
history (event, available, version, comments):	remarks - general: remarks - this release: Work item moved to Rel-6.

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

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

TS 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

N3-25	20/01/2003	1	.	4	.	1		get it	<i>remarks - general:</i>
NP-19	06/03/2003	1	.	5	.	0		get it	<i>remarks - this release:</i> NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.
draft	24/03/2003	1	.	5	.	1		get it	
N3-28		1	.	6	.	0			
NP-20	17/06/2003	1	.	7	.	0	NP-030196	get it	
N3-29	09/09/2003	1	.	8	.	0	distributed 2003-09-08 as a "draft" v1.8.0; the held version is the "official" v1.8.0.	get it	
pre NP-21	13/09/2003	1	.	9	.	0		get it	
NP-21	29/09/2003	2	.	0	.	0	NP-030326	get it	
NP-21	01/10/2003	6	.	0	.	0		get it	

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-20	27/06/2003	6	.	0	.	0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-20	27/06/2003	6	.	0	.	0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-20	27/06/2003	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 Rel-6 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility								
Rel-6	current version: 6.0.0		WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, comments):									
	NP-20	27/06/2003	6 . 0 . 0					get it	remarks - general: remarks - this release: .
<hr/>									
TS 29.198-13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF								
Rel-6	current version: 6.0.0		WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, comments):									
	NP-20	27/06/2003	6 . 0 . 0					get it	remarks - general: remarks - this release: .
<hr/>									
TS 29.199	Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): N5 /	rapporteur: VAN RIJSSEN, Erwin	Telefon AB LM Ericsson				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, comments):									
	draft		0 . 0 . 1						remarks - general:
	draft		0 . 0 . 2						remarks - this release: .
	draft		0 . 0 . 3						
	NP-22	14/11/2003	1 . 0 . 0	NP-030552				get it	
<hr/>									
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: .
<hr/>									
TS 29.209	Policy control over Gq interface								
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): N3 / -	rapporteur: N, A	Indicate persons who left Company and wait for new One				
	freeze_meeting:		G: U: yes	MCC: BOSWARTHICK, David					
history (event, available, version, comments):									
	draft	01/09/2003	0 . 0 . 1					get it	remarks - general: remarks - this release: .
<hr/>									

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

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ACTIVE specs Rel-6 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-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> PALLARES LÓPEZ,	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		G: yes U: yes	MCC:	Miguel Angel KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-21 09/10/2003 6 . 0 . 0		get it	<i>remarks - general:</i>	Additional rapporteur: Miguel-Angel Pallares-Lopez				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3								
Rel-6	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> N4 / N2	<i>rapporteur:</i> RODRIGUEZ, Raquel	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	draft 0 . 2 . 0			<i>remarks - general:</i>	Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking",				
	NP-21 29/09/2003 1 . 0 . 0	NP-030400	get it	<i>remarks - this release:</i>	. see N4-030221 (né N4-030157)				
	N4-21 1 . 1 . 0								
<hr/>									
TS 29.240	Generic User Profile (GUP); Stage 3; Network								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB				
	<i>freeze_meeting:</i>		G: U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	draft 0 . 0 . 0			<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241				
	N4-20 08/10/2003 0 . 1 . 0		get it	<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	MCC:	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>	Anticipated change control at NP-22.				
<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	MCC:	KYMALAINEN, Kimmo				
	<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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ACTIVE specs Rel-6 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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

Rel-6 *current version:* 0.3.1 DRAFT *WG (prime / other):* N1 / *rapporteur:* HOBBS, Kevan 3
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
draft 0 . 0 . 1 *remarks - general:*
N3-27 0 . 1 . 0 N1-0300277 *remarks - this release:* .
draft 24/06/2003 0 . 2 . 0 [get it](#)
N1-32 12/11/2003 0 . 3 . 0 [get it](#)
post N1-32 14/11/2003 0 . 3 . 1 [get it](#)

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

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* N1 / - *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:*
N1-29 06/05/2003 0 . 1 . 0 [get it](#) *remarks - this release:* .
N1-30 02/06/2003 0 . 2 . 0 N1-031121 [get it](#)
N1-31 01/09/2003 0 . 3 . 0 [get it](#)
NP-21 11/09/2003 1 . 0 . 0 NP-030425 [get it](#)

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* 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 NP-030073. Will be reviewed N1-28, [get it](#) *remarks - this release:* .
N3-29 1 . 2 . 0
NP-20 17/06/2003 2 . 0 . 0 NP-030197 -> NP-030293 [get it](#)
NP-20 23/06/2003 6 . 0 . 0 [get it](#)
NP-21 01/10/2003 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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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:* 0.11.0 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:*
R3-37 13/10/2003 0 . 11 . 0 R3-030923 [get it](#) *remarks - this release:* Continues work started in R99 document.

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 *current version:* 6.2.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: tbd G: U: yes *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 02/01/2003 6 . 1 . 0 [get it](#) *remarks - this release:* TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.
TP-20 23/06/2003 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 Rel-6 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102	Characteristics of the USIM application					
Rel-6	<i>current version:</i> 6.3.0	<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>			
	TP-19 01/04/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
	TP-20 23/06/2003 6 . 2 . 0	get it				
	TP-21 30/09/2003 6 . 3 . 0	get it				
<hr/>						
TS 31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-18 02/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
	TP-19 26/03/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
	TP-20 23/06/2003 6 . 2 . 0	get it				
<hr/>						
TS 31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, 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> .			
	TP-19 26/03/2003 6 . 2 . 0	get it				
<hr/>						
TS 31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael			GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> TP-15: Enhancements to Rel-5 envisaged.			

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 31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22								
	<i>history (event, available, version, comments):</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	TP-16 26/06/2002 2 . 0 . 0	TP-020126		get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin.			
	TP-16 19/06/2002 6 . 0 . 0			get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.			
	TP-17 23/09/2002 6 . 1 . 0			get it					
	TP-18 02/01/2003 6 . 2 . 0			get it					
<hr/>									
TS 31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications								
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22								
	<i>history (event, available, version, comments):</i>		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	TP-16 26/06/2002 2 . 0 . 0	TP-020127		get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin			
	TP-16 19/06/2002 6 . 0 . 0			get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.			
	TP-17 23/09/2002 6 . 1 . 0			get it					
	TP-18 02/01/2003 6 . 2 . 0			get it					
	TP-19 26/03/2003 6 . 3 . 0			get it					
<hr/>									
TS 31.130	(U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> JOLIVET, Paul					DoCoMo Europe S.A.
	<i>freeze_meeting:</i>		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus			
	<i>history (event, available, version, comments):</i>								
	TP-20 17/06/2003 1 . 0 . 0	TP-030127		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	TP-20: Target for approval: TP-21.			
<hr/>									
TS 31.131	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> TON, Wim					ASPECTS Software Ltd
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<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>	.			
	TP-19 26/03/2003 6 . 1 . 0			get it					

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

TR 31.919 **2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking**
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* T3 / - *rapporteur:* ANDRAU, Stéphane OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: *G:* yes *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-20 17/06/2003 1 . 0 . 0 TP-030128 [get it](#) *remarks - general:* WI UID = 43005.
remarks - this release: .

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

TS 32.102 **Telecommunication management; Architecture**
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-21 03/10/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 32.140 **Telecommunication management; Services operations management; Subscription management requirements**
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* ISLIP, John Lucent Technologies Network Systems UK
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-15 19/03/2002 1 . 0 . 0 SP-020012 (originally Rel-5) [get it](#) *remarks - general:*
SP-18 06/01/2003 1 . 1 . 1 SP-020728 [get it](#) *remarks - this release:* SP-15: moved from Rel-5.
SP-19 2 . 0 . 0 SP-030041 [get it](#)
SP-19 31/03/2003 6 . 0 . 0 [get it](#)
SP-21 02/10/2003 6 . 1 . 0 [get it](#)

TS 32.141 **Telecommunication management; Services operations management; Subscription management architecture**
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* ABA, Istvan T-Mobile AUSTRIA GmbH
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-19 27/03/2003 1 . 0 . 0 SP-030042 [get it](#) *remarks - general:*
SP-21 29/09/2003 2 . 0 . 0 SP-030405 [get it](#) *remarks - this release:* .
SP-21 03/10/2003 6 . 0 . 0 [get it](#)

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

TS 32.150	Telecommunication management; Integration Reference Point (IRP) Concept and definitions					
Rel-6	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i> S5-35b 08/10/2003 0 . 0 . 1 S5-032639					
			get it	<i>remarks - general:</i> Justification: see SP-020608. Stage 3: see 27.150. 2003-08-28: Title changed from		
				<i>remarks - this release:</i> "Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2". 2003-12-03: title changed from "Telecommunication management; Integration Reference Point (IRP): Introduction and definitions".		
<hr/>						
TS 32.151	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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TS 32.152	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.171	Service operations management; Subscription management resources Integration Reference Point (IRP); Requirements					
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i> draft 22/08/2003 0 . 1 . 0					
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.172	Service operations management; Subscription management resources Integration Reference Point (IRP); Network Resources Model (NRM)					
Rel-6	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i> draft 22/08/2003 0 . 1 . 0 draft 30/09/2003 0 . 2 . 0					
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i> .		

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ACTIVE specs Rel-6 32 .- series
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TS 32.240	Telecommunication management; Charging management; Charging architecture and principles						
Rel-6	<i>current version:</i> 0.5.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	S5-34	0 . 1 . 0				<i>remarks - general:</i>	
	draft 22/10/2003	0 . 5 . 0				<i>remarks - this release:</i> .	
			get it				
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TS 32.250	Telecommunication management; Charging management; Circuit Switched (CS) domain charging						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
TS 32.251	Telecommunication management; Charging management; Packet Switched (PS) domain charging						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RICHARDS, Christopher	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21 29/09/2003	1 . 0 . 0	SP-030410			<i>remarks - general:</i> SP-21: WI = charging management for the bearer level	
						<i>remarks - this release:</i> 2003-07-10 (Zoicas): Release was unknown, now confirmed as Rel-6.	
			get it				
<hr/>							
TS 32.252	Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i>	
						<i>remarks - this release:</i> .	
<hr/>							
TS 32.260	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging						
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TEPPPO, Patrik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	draft	0 . 0 . 1				<i>remarks - general:</i>	
	draft 22/10/2003	0 . 1 . 0				<i>remarks - this release:</i> .	
			get it				

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ACTIVE specs Rel-6 32 .- series
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TS 32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030412	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
TS 32.271	Telecommunication management; Charging management; Location Services (LCS) charging								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BIBAS, Alain	ORANGE SA				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030411	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
TS 32.296	Telecommunication management; Charging management; On-line Charging System (OCS): Applications and interfaces								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BROWN, Yishai	Amdocs Software Systems Limited				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 2			<i>remarks - general:</i>	WID = CH (SP-030047)		
	S5-35b	22/10/2003	0 . 1 . 0		get it	<i>remarks - this release:</i>	Target for approval = SP-21.		
<hr/>									
TS 32.297	Telecommunication management; Charging management; Charging Data Records (CDR) file format and transfer								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RICHARDS, Christopher	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-20	17/06/2003	1 . 0 . 0	SP-030273	get it	<i>remarks - general:</i>	2003-08-18: Title changed from "Telecommunication management; Charging		
						<i>remarks - this release:</i>	. management; Charging interface description to the billing domain".		
<hr/>									
TS 32.298	Telecommunication management; Charging management; Charging Data Record (CDR) encoding rules description								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	29/09/2003	1 . 0 . 0	SP-030413	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		

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ACTIVE specs Rel-6 32 .- series
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TS 32.299	Telecommunication management; Charging management; Diameter charging application				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TEPPO, Patrik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i> 2003-08-18: Title changed from "Telecommunication management; Charging					
<i>remarks - this release:</i> . management; Charging protocol description".					

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

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

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

TS 32.334	Telecommunication management; Notification log Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, 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 32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg		MOTOROLA A/S	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-20	17/06/2003	1 . 0 . 0	SP-030290	get it	<i>remarks - general:</i>	<i>remarks - this release:</i> .
<hr/>							
TS 32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg		MOTOROLA A/S	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i>	<i>remarks - this release:</i> .
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TS 32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> RAYMER, David		Motorola Inc.	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i>	<i>remarks - this release:</i> .
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TS 32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SUERBAUM, Clemens	SIEMENS AG		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i>	<i>remarks - this release:</i> .
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TS 32.350	Telecommunication management; Communication Surveillance (CS) requirements						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21	29/09/2003	1 . 0 . 0	SP-030422	get it	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	<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 32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)		
				<i>remarks - this release:</i> .		
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TS 32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.353	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)		
				<i>remarks - this release:</i> .		
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TS 32.354	Telecommunication management; Communication Surveillance (CS) 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> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.361	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	SP-21 29/09/2003 1 . 0 . 0 SP-030423			get it	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	
					<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 32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21	29/09/2003	1 . 0 . 0	SP-030424	get it	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	<i>remarks - this release:</i> .
<hr/>							
TS 32.363	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21	29/09/2003	1 . 0 . 0	SP-040425	get it	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	<i>remarks - this release:</i> .
<hr/>							
TS 32.364	Telecommunication Management; Entry Point (EP) 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> LI, Yewen		China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	<i>remarks - this release:</i> .
<hr/>							
TS 32.371	Security Management Integration Reference Point (IRP): Requirements						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i> WI = OAM-AR (UID 35011)	<i>remarks - this release:</i> .
<hr/>							
TS 32.372	Security Management Integration Reference Point (IRP): Information service						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
						<i>remarks - general:</i> WI = OAM-AR (UID 35011)	<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 32.373	Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> WI = OAM-AR (UID 35011)		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.374	Security Management 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> YANG, Li		HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> WI = OAM-AR (UID 35011)		
				<i>remarks - this release:</i> .		
<hr/>						
TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> was 32.104 (pars)		
	SP-21 15/10/2003 6 . 0 . 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-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> was 32.104 (pars)		
	SP-20 27/06/2003 6 . 0 . 0	get it		<i>remarks - this release:</i> .		
	SP-21 15/10/2003 6 . 1 . 0	get it				
<hr/>						
TS 32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
	SP-17 16/09/2002 1 . 0 . 0 SP-020500	get it		<i>remarks - this release:</i> .		
	SP-20 17/06/2003 2 . 0 . 0 SP-030294	get it				
	SP-20 18/06/2003 6 . 0 . 0	get it				
	SP-21 15/10/2003 6 . 1 . 0	get it				

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

TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)						
Rel-6	<i>current version:</i> 1.4.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-20	17/06/2003	1 . 0 . 0	SP-030295	get it	<i>remarks - general:</i>	
	S5-34b	29/07/2003	1 . 1 . 0		get it	<i>remarks - this release:</i> .	
	S5-35		1 . 2 . 0				
	S5-35		1 . 3 . 0				
	S5-35b	03/11/2003	1 . 4 . 0	S5-038724	get it		

TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	<i>remarks - general:</i>						
	<i>remarks - this release:</i> .						

TS 32.414	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set						
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	<i>remarks - general:</i>						
	<i>remarks - this release:</i> .						

TS 32.421	Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements						
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	MOTOROLA JAPAN LTD		
	<i>freeze_meeting:</i> SP-22		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-16	17/06/2002	1 . 0 . 0	SP-020330	get it	<i>remarks - general:</i>	
	SP-18	06/01/2003	2 . 0 . 0	SP-020755	get it	<i>remarks - this release:</i> .	
	SP-18	06/01/2003	6 . 0 . 0		get it		
	SP-19	31/03/2003	6 . 1 . 0		get it		

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

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

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

TS 32.661 Telecommunication management; Configuration Management (CM); Kernel CM requirements
Rel-6 *current version:* 6.0.0 *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-19 01/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 32.662 Telecommunication management; Configuration Management (CM); Kernel CM information service
Rel-6 *current version:* 6.0.0 *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-19 01/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-22 G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-19 03/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-19 01/04/2003 6 . 0 . 0 [get it](#) *remarks - general:*
SP-20 27/06/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

TS 32.681 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements

Rel-6 *current version:* 1.0.0 DRAFT *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):
SP-21 29/09/2003 1 . 0 . 0 SP-030426 [get it](#) *remarks - general:*
remarks - this release: .

TS 32.682 Telecommunication management; Inventory Management (IM) 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 (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (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 (IM) Integration Reference Point (IRP): Common Management Information Protocol (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: .

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

TS 32.695 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

Rel-6 *current version:* 1.0.0 DRAFT *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-21 29/09/2003 1 . 0 . 0 SP-030427 [get it](#) *remarks - general:*
remarks - this release: .

TS 32.711 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-21 29/09/2003 1 . 0 . 0 SP-030428 [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)
remarks - this release: .

TS 32.712 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information service

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-21 29/09/2003 1 . 0 . 0 SP-030429 [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)
remarks - this release: .

TS 32.713 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
remarks - general: WI = OAM-NIM (UID 35014)
remarks - this release: .

TS 32.714 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
remarks - general: WI = OAM-NIM (UID 35014)
remarks - this release: .

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

TS 32.715 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments): *remarks - general:* WI = OAM-NIM (UID 35014)
remarks - this release: .

TR 32.815 Telecommunication management; Charging management; On-line Charging System (OCS) architecture study
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments): *remarks - general:*
SP-20 17/06/2003 1 . 0 . 0 SP-030274 [get it](#) *remarks - this release:* .
SP-21 29/09/2003 2 . 0 . 0 SP-030409 [get it](#)
SP-21 30/09/2003 6 . 0 . 0 SP-21: S5 is asked to eliminate multiple [get it](#)
options in §5.1.

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

TS 33.102 3G security; Security architecture
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, comments): *remarks - general:*
SP-21 30/09/2003 6 . 0 . 0 [get it](#) *remarks - this release:* .

TS 33.107 3G security; Lawful interception architecture and functions
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, comments): *remarks - general:*
SP-21 30/09/2003 6 . 0 . 0 [get it](#) *remarks - this release:* .

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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> 6.3.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> 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			
	SP-19 24/03/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	. and law agency equipment" (Berthold.Wilhelm@RegTP.de).			
	SP-20 18/06/2003	6 . 2 . 0		get it					
	SP-21 30/09/2003	6 . 3 . 0		get it					
<hr/>									
TS 33.141	Presence service; Security								
Rel-6	<i>current version:</i> 0.3.1	DRAFT		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	S3-30 13/10/2003	0 . 1 . 0		get it	<i>remarks - general:</i>				
	draft	0 . 1 . 1	S3-020647		<i>remarks - this release:</i>	.			
	post S3-31 12/11/2003	0 . 2 . 0		get it					
	post S3-31 04/12/2003	0 . 3 . 1		get it					
<hr/>									
TS 33.203	3G security; Access security for IP-based services								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			<i>G:</i> yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-21 30/09/2003	6 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
<hr/>									
TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-6	<i>current version:</i> 6.3.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> KOIEN, Geir	Telenor AS			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> 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).			
	SP-19 24/03/2003	6 . 1 . 0		get it	<i>remarks - this release:</i>	.			
	SP-20 18/06/2003	6 . 2 . 0		get it					
	SP-21 30/09/2003	6 . 3 . 0		get it					

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

TS 33.220	Generic Authentication Architecture (GAA); Generic bootstrapping architecture								
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other): S3 /	rapporteur: HAUKKA, Tao	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	S3-30	0 . 1 . 0					remarks - general:	WI = SEC1-SC (UID 33002) Based on 33.109 §4.	
	S3-30	03/11/2003	0 . 1 . 1			get it	remarks - this release:	.	
	S3-31	28/11/2003	0 . 2 . 0			get it			
<hr/>									
TS 33.222	Generic Authentication Architecture (GAA); Access to network application functions using secure hypertext transfer protocol (HTTPS)								
Rel-6	current version: 0.1.1	DRAFT	WG (prime / other): S3 /	rapporteur: SAHLIN, Bengt	Telefon AB LM Ericsson				
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	S3-30	0 . 1 . 0	S3-030646				remarks - general:	WI = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.	
	draft	04/11/2003	0 . 1 . 1			get it	remarks - this release:	.	
<hr/>									
TS 33.234	3G security; Wireless Local Area Network (WLAN) interworking security								
Rel-6	current version: 0.7.0	DRAFT	WG (prime / other): S3 / -	rapporteur: LOPEZ SORIA, Luis	Telefon AB LM Ericsson				
	freeze_meeting: SP-22		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	S3-25	23/10/2002	0 . 1 . 0			get it	remarks - general:		
	S3-25		0 . 2 . 0				remarks - this release:	.	
	S3-26		0 . 3 . 0						
	S3-27		0 . 4 . 0						
	S3-28		0 . 5 . 0						
	S3-29	26/09/2003	0 . 6 . 0			get it			
	S3-30	12/11/2003	0 . 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-6 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.246 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)

Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian 3

freeze_meeting: SP-22

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

history (event, available, version, comments):

S3-25 23/10/2002 0 . 0 . 1 [get it](#) *remarks - general:*

S3-25 0 . 0 . 2 *remarks - this release: .*

S3-26 0 . 0 . 3

S3-27 0 . 1 . 0

draft 08/07/2003 0 . 1 . 1 [get it](#)

S3-29 02/09/2003 0 . 2 . 0 [get it](#)

draft 0 . 2 . 1

S3-30 0 . 2 . 2

S3-31 24/11/2003 0 . 2 . 3 [get it](#)

S3-31 24/11/2003 0 . 3 . 0 [get it](#)

TS 33.310 Network domain security; Authentication framework (NDS/AF)

Rel-6 *current version:* 0.7.0 DRAFT *WG (prime / other):* S3 / - *rapporteur:* VIITANEN, Tommi NOKIA Corporation

freeze_meeting:

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

history (event, available, version, comments):

draft 0 . 0 . 1 *remarks - general:*

draft 0 . 1 . 0 *remarks - this release: .*

draft 0 . 2 . 0

draft 0 . 3 . 0

draft 0 . 4 . 0

draft 0 . 5 . 0

S3-30 03/11/2003 0 . 6 . 0 [get it](#)

S3-31 28/11/2003 0 . 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-6 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.941 Presence service; Security
Rel-6 *current version:* 0.6.0 DRAFT WG (prime / other): S3 / - *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson
freeze_meeting: G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
S3-24 0 . 1 . 0 S3-020340 *remarks - general:*
S3-25 0 . 2 . 0 S3-020507, S3-020508 *remarks - this release:* .
S3-26 0 . 3 . 0 S3-020621, S3-020622
S3-27 0 . 4 . 0 S3-030022, S3-030070, S3-030068
S3-28 08/07/2003 0 . 5 . 0 S3-030246, S3-030248 [get it](#)
S3-29 13/10/2003 0 . 6 . 0 [get it](#)

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

TS 34.131 Test specification for C-language binding for (U)SIM API
Rel-6 *current version:* 6.0.0 WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-25 G: yes U: yes MCC: DIETZE, Claus
history (event, available, version, comments):
T3-13 0 . 1 . 0 *remarks - general:* Base spec is 31.131.
TP-17 24/09/2002 0 . 1 . 1 TP-020223 *remarks - this release:* .
TP-17 19/09/2002 1 . 0 . 0 [get it](#)
TP-19 24/03/2003 2 . 0 . 0 TP-030032 [get it](#)
TP-19 26/03/2003 6 . 0 . 0 [get it](#)

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

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system
Rel-6 *current version:* none WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 G: yes U: MCC: POPE, Maurice
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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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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-12 03/01/2003 6 . 0 . 0				get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. <i>remarks - this release:</i> .
TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-13 21/02/2003 6 . 0 . 0				get it	<i>remarks - general:</i>
	GP-14 25/04/2003 6 . 1 . 0				get it	<i>remarks - this release:</i> .
	GP-16 12/09/2003 6 . 2 . 0				get it	
	GP-17 6 . 3 . 0					
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-14 25/04/2003 6 . 0 . 0				get it	<i>remarks - general:</i>
	GP-15 11/07/2003 6 . 1 . 0				get it	<i>remarks - this release:</i> .
	GP-17 6 . 2 . 0					
TS 43.064	Overall description of the GPRS radio interface; Stage 2					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-15 11/07/2003 6 . 0 . 0				get it	<i>remarks - general:</i>
	GP-16 12/09/2003 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 Rel-6 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-6 *current version:* 6.0.0 *DRAFT* *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-21 08/10/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 43.246 Multimedia Broadcast/Multicast Service (MBMS) in GERAN; Stage 2

Rel-6 *current version:* 0.6.0 *DRAFT* *WG (prime / other):* G2 / - *rapporteur:* EDWIN, Diana SIEMENS AG
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-13 0 . 1 . 0 GP-030181 *remarks - general:* 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes to
GP-13b 0 . 2 . 0 G2-030227 *remarks - this release:* . existing GERAN protocol specs.
GP-14 02/05/2003 0 . 2 . 1 GP-030726 Formal TS number allocated [get it](#)
on upload
draft 17/06/2003 0 . 4 . 1 [get it](#)
GP-15 0 . 5 . 0 GP-031108
draft 21/07/2003 0 . 6 . 0 [get it](#)

Rel-6 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-6 *current version:* 6.0.0 *DRAFT* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-15 10/07/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-6 *current version:* 6.0.0 *DRAFT* *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-16 12/09/2003 6 . 0 . 0 [get it](#) *remarks - general:*
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 44.018	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol				
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-12 17/12/2002 6 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-13 21/02/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	GP-14 28/04/2003 6 . 2 . 0	get it			
	GP-15 10/07/2003 6 . 3 . 0	get it			
	GP-16 12/09/2003 6 . 4 . 0	get it	problem with ToC		
	Fix ToC 26/09/2003 6 . 4 . 1	get it			
	GP-17 6 . 5 . 0				

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-15 10/07/2003 6 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-16 12/09/2003 6 . 1 . 0	get it	<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-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-12 17/12/2002 6 . 0 . 0	get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System	
	GP-13 21/02/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .	(BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	
	GP-14 29/04/2003 6 . 2 . 0	get it			
	GP-15 10/07/2003 6 . 3 . 0	get it			
	GP-16 13/09/2003 6 . 4 . 0	get it			
	GP-17 6 . 5 . 0				

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-20 03/07/2003 6 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.	
	NP-21 10/10/2003 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 Rel-6 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.160 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode
Rel-6 *current version:* 6.2.0 *WG (prime / other):* G2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-15	10/07/2003	6 . 0 . 0	get it	<i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2.
GP-16	13/09/2003	6 . 1 . 0	get it	<i>remarks - this release:</i> .
GP-17		6 . 2 . 0		

TR 44.933 Seamless support of streaming services in GERAN A/Gb mode
Rel-6 *current version:* 1.3.0 DRAFT *WG (prime / other):* G2 / - *rapporteur:* GESSNER, Christina SIEMENS AG
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-12		0 . 1 . 0		<i>remarks - general:</i> Work item = SSSstrea.
G2-12b		0 . 2 . 0		<i>remarks - this release:</i> .
GP-13		0 . 3 . 0		
GP-14		0 . 4 . 0		
G2-14b	07/05/2003	0 . 5 . 0	(TR number not shown on doc)	get it
draft	17/06/2003	0 . 6 . 0		get it
GP-15	15/07/2003	1 . 1 . 0		get it
GP-16	10/09/2003	1 . 2 . 0		get it
Update of section 6.5.3	12/09/2003	1 . 3 . 0		get it

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

TS 45.001 Physical layer on the radio path; General description
Rel-6 *current version:* 6.2.0 *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	<i>remarks - general:</i>
GP-14	25/04/2003	6 . 1 . 0	get it	<i>remarks - this release:</i> .
GP-17		6 . 2 . 0		

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

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

TS 45.002 Multiplexing and multiple access on the radio path

Rel-6 *current version:* 6.4.0

freeze_meeting:

history (event, available, version, comments):

GP-13	21/02/2003	6	.	0	.	0
GP-14	25/04/2003	6	.	1	.	0
GP-15	11/07/2003	6	.	2	.	0
GP-16	12/09/2003	6	.	3	.	0
GP-17		6	.	4	.	0

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

G: yes U:

MCC: USAI, Paolino

NOKIA Corporation

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

TS 45.003 Channel coding

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version, comments):

GP-16	12/09/2003	6	.	0	.	0
GP-17		6	.	1	.	0

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

G: yes U:

MCC: USAI, Paolino

NOKIA Corporation

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

TS 45.005 Radio transmission and reception

Rel-6 *current version:* 6.3.0

freeze_meeting: SP-22

history (event, available, version, comments):

GP-12	03/01/2003	6	.	0	.	0
GP-13	21/02/2003	6	.	1	.	0
GP-14	25/04/2003	6	.	2	.	0
GP-16	12/09/2003	6	.	3	.	0

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

G: yes U:

MCC: USAI, Paolino

Telefon AB LM Ericsson

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

TS 45.008 Radio subsystem link control

Rel-6 *current version:* 6.5.0

freeze_meeting: SP-22

history (event, available, version, comments):

GP-12	03/01/2003	6	.	0	.	0
GP-13	21/02/2003	6	.	1	.	0
GP-14	25/04/2003	6	.	2	.	0
GP-15	11/07/2003	6	.	3	.	0
GP-16	12/09/2003	6	.	4	.	0
GP-17		6	.	5	.	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:* .
[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 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.010	Radio subsystem synchronization					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i>	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-14 25/04/2003 6 . 0 . 0		get it	remarks - general:		
	GP-15 11/07/2003 6 . 1 . 0		get it	remarks - this release: .		
	GP-16 12/09/2003 6 . 2 . 0		get it			
<hr/>						
TR 45.050	Background for RF Requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-22	G: yes U:	MCC: USAI, Paolino	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-12 03/01/2003 6 . 0 . 0		get it	remarks - general:		
				remarks - this release: .		
<hr/>						
TR 45.811	Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 /	<i>rapporteur:</i> GROSS, Robert	TruePosition Inc.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002 6 . 0 . 0		get it	remarks - general: Renumbered from 41.811.		
				remarks - this release: Renumbered from 41.811.		
<hr/>						
TR 45.902	Flexible layer 1					
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 0 . 0 . 0			remarks - general:		
	GP-12 26/11/2002 0 . 3 . 0		get it	remarks - this release: .		GP-023427
	GP-13 13/02/2003 0 . 4 . 0		get it			GP 030193
	GP-13 13/02/2003 1 . 0 . 0		get it			
	GP-14 25/04/2003 6 . 0 . 0		get it			
	GP-15 11/07/2003 6 . 1 . 0		get it			
	GP-16 12/09/2003 6 . 2 . 0		get it			
	GP-17 6 . 3 . 0					

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

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

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: 6.4.0 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
GP-13	21/02/2003	6	.	1	.	0
GP-15	10/07/2003	6	.	2	.	0
GP-16	12/09/2003	6	.	3	.	0
GP-17		6	.	4	.	0

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

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

Rel-6 current version: 6.3.0 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
GP-14	29/04/2003	6	.	1	.	0
GP-15	10/07/2003	6	.	2	.	0
GP-17		6	.	3	.	0

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

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

Rel-6 current version: 6.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting:

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

GP-16	12/09/2003	6	.	0	.	0
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[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-6 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification
Rel-6 *current version:* 6.3.0 *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):

GP-14	29/04/2003	6 . 0 . 0	get it	<i>remarks - general:</i>
GP-15	10/07/2003	6 . 1 . 0	get it	<i>remarks - this release:</i> .
GP-16	12/09/2003	6 . 2 . 0	get it	
GP-17		6 . 3 . 0		

Rel-6 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)
Rel-6 *current version:* 6.1.0 *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):

GP-15	10/07/2003	6 . 0 . 0	get it	<i>remarks - general:</i>
GP-17		6 . 1 . 0		<i>remarks - this release:</i> .

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

TR 50.099 GERAN project plan and open issues
Rel-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* BLADSJO, David Telefon AB LM Ericsson
freeze_meeting: G: yes U: MCC: USAI, Paolino

history (event, available, version, 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.

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

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

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:* 6.1.0 *WG (prime / other):* G1 / - *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:*
GP-15 11/07/2003 6 . 1 . 0 [get it](#) *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:* 0.1.2 DRAFT *WG (prime / other):* S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: SP-22 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
draft 15/07/2003 0 . 1 . 2 [get it](#) *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](#)

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

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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> 6.2.0	<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> tbd								
		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	<i>remarks - general:</i>	2003-09-30:	Note: document only available with French export licence.		
	SP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i>	.			
	SP-18 18/12/2002 6 . 1 . 0			get it					
	SP-21 30/09/2003 6 . 2 . 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	<i>remarks - general:</i>	2003-09-30:	Note: document only available with French export licence.		
	SP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i>	.			
	SP-18 18/12/2002 6 . 1 . 0			get it					

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	<i>remarks - general:</i>	2003-09-30:	Note: document only available with French export licence.		
	SP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i>	.			
	SP-18 18/12/2002 6 . 1 . 0			get it					

TR 55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-20								
		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	<i>remarks - general:</i>	2003-09-30:	Note: document only available with French export licence.		
	SP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i>	.			
	SP-18 18/12/2002 6 . 1 . 0			get it					

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

Rel-5

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

TS 21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-20	<i>G:</i>	U: yes	<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>						
	SP-20 25/06/2003 5 . 4 . 0			get it	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999	
					<i>remarks - this release:</i>	. Specifications".	
<hr/>							
TS 21.111	USIM and IC card requirements						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	KALINER, Stefan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> TP-16	<i>G:</i>	U: yes	<i>MCC:</i>	DIETZE, Claus		
	<i>history (event, available, version, comments):</i>						
	TP-16 19/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>		
	TP-17 18/09/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>	.	
<hr/>							
TR 21.801	Specification drafting rules						
Rel-5	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> 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>		
	edito 19/07/2002 5 . 0 . 1			get it	<i>remarks - this release:</i>	.	
	edito 15/05/2003 5 . 0 . 2			get it			
<hr/>							
TR 21.900	Technical Specification Group working methods						
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> 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>		
	edito post SP-17 18/09/2002 5 . 0 . 1			get it	<i>remarks - this release:</i>	.	
						corrects Release id on cover page	

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

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 *current version:* 5.8.0
freeze_meeting: SP-15
history (event, available, version, comments):

SP-12	27/06/2001	5 . 0 . 0	get it	<i>remarks - general:</i>
SP-13	05/10/2001	5 . 1 . 0	get it	<i>remarks - this release:</i> .
SP-14	10/01/2002	5 . 2 . 0	get it	
SP-15	25/03/2002	5 . 3 . 0	get it	
SP-16	04/07/2002	5 . 4 . 0	get it	
SP-17	16/09/2002	5 . 5 . 0	get it	
SP-19	25/03/2003	5 . 6 . 0	get it	
SP-20	18/06/2003	5 . 7 . 0	get it	
SP-21	30/09/2003	5 . 8 . 0	get it	

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

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

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

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

SP-16	19/07/2002	5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#5 <i>remarks - this release:</i> .
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WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes U: yes *MCC:* CLAYTON, Michael

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

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

SP-16	04/07/2002	5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
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WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: yes *MCC:* CLAYTON, Michael

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 22.003	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> .
<hr/>							
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> .

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 22.024	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.	
<hr/>						
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> .	

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ACTIVE specs Rel-5 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-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-09 18/10/2000 5 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4
	SP-10 08/01/2001 5 . 1 . 0				get it	<i>remarks - this release:</i>
	SP-12 27/06/2001 5 . 2 . 0				get it	
	SP-20 18/06/2003 5 . 3 . 0				get it	
<hr/>						
TS 22.041	Operator Determined Call Barring					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-16	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> 5.1.0	<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
	SP-20 18/06/2003 5 . 1 . 0				get it	<i>remarks - this release:</i> .
<hr/>						
TS 22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-20	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-20 23/06/2003 5 . 0 . 0				get it	<i>remarks - general:</i> TP-12: was previously 42.048.
	technically identical to v4.0.0					<i>remarks - this release:</i> .
<hr/>						
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, 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> .

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

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ACTIVE specs Rel-5 22 .- series
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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> 5.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, 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					
	SP-19 25/03/2003 5 . 3 . 0	get it					
<hr/>							
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-16 19/07/2002 5 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4		
	SP-20 18/06/2003 5 . 1 . 0	get it		<i>remarks - this release:</i>	.		
<hr/>							
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>	.		

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

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ACTIVE specs Rel-5 22 .- series
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TS 22.071	Location Services (LCS); Stage 1					
Rel-5	<i>current version:</i> 5.2.0	<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	
	SP-21 30/09/2003 5 . 2 . 0				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 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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ACTIVE specs Rel-5 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
Rel-5	<i>current version:</i> 5.11.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version, 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	
	SP-19 25/03/2003	5 . 10 . 0		get it	
	SP-21 30/09/2003	5 . 11 . 0		get it	
<hr/>					
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> .
<hr/>					
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> .

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 22.082	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	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 22.083	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> .
<hr/>							
TS 22.084	MultiParty (MPY) 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> .

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 22.087	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> .
<hr/>						
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> .
<hr/>						
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> .
<hr/>						
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> .
<hr/>						
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>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 2003-07-21 (Clayton): S1 have decided to	
					<i>remarks - this release:</i>	. scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.	
<hr/>							
TS 22.096	Name identification 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 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - 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 22.101	Service aspects; Service principles						
Rel-5	<i>current version:</i> 5.11.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-15	G:	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>		
	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-15 25/03/2002 5 . 5 . 0			get it			
	SP-16 04/07/2002 5 . 6 . 0			get it			
	SP-17 17/09/2002 5 . 7 . 0			get it			
	SP-18 18/12/2002 5 . 8 . 0			get it			
	SP-19 25/03/2003 5 . 9 . 0			get it			
	SP-20 18/06/2003 5 . 10 . 0			get it			
	SP-21 30/09/2003 5 . 11 . 0			get it			

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

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TS 22.105	Services and service capabilities					
Rel-5	<i>current version:</i> 5.2.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	EVEN, Anne	France Telecom
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-13 05/10/2001 5 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-15 25/03/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>	.
	SP-16 04/07/2002 5 . 2 . 0			get it		
<hr/>						
TS 22.112	USIM toolkit interpreter; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	WG (prime / other):	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> 5.3.0	WG (prime / other):	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		
	SP-20 18/06/2003 5 . 3 . 0			get it		
<hr/>						
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
Rel-5	<i>current version:</i> 5.3.1	WG (prime / other):	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	Converted from TS to TR.		get it		

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

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE PCS LTD
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-14 10/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 04/07/2002 5 . 2 . 0 [get it](#)

TS 22.135 Multicall; Service description; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

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

G = required in systems with GERAN 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 22.226 Global text telephony (GTT); Stage 1: Service description

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-09	27/11/2000	1	0	0	
SP-12	27/06/2001	2	0	0	SP-010266
SP-12	27/06/2001	5	0	0	
SP-13	05/10/2001	5	1	0	
SP-15	28/03/2002	5	2	0	

[get it](#) *remarks - general:* SP-16: to "GERAN" set.
[get it](#) *remarks - this release:* WI approved TSG#7
[get it](#)
[get it](#)

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-09	28/09/2000	1	0	0	
SP-10	12/01/2001	5	0	0	
SP-11	02/04/2001	5	1	0	
SP-12	27/06/2001	5	2	0	
SP-13	05/10/2001	5	3	0	
SP-14	10/01/2002	5	4	0	
SP-15	28/03/2002	5	5	0	
SP-16	19/07/2002	5	6	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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	
S1-13		0	2	0	
S1-14		0	3	0	
SP-14	02/01/2002	1	0	0	SP-010733
SP-15	19/03/2002	2	0	0	SP-020062
SP-15	27/03/2002	5	0	0	

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

TR 22.944 Service requirements for UE functionality split

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S1 / *rapporteur:* GUPTA, Sanjay MOTOROLA Ltd
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-14	02/01/2002	1 . 0 . 0	SP-010679, SP-020064	get it	<i>remarks - general:</i>
SP-15	19/03/2002	2 . 0 . 0	SP-020064	get it	<i>remarks - this release:</i> .
SP-15	02/04/2002	5 . 0 . 0	Not fit for SDO publication. Contains many editor's notes.	get it	
SP-16	04/07/2002	5 . 1 . 0		get it	

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

TS 23.002 Network architecture

Rel-5 *current version:* 5.12.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	
SP-19	27/03/2003	5 . 10 . 0		get it	
SP-20	20/06/2003	5 . 11 . 0		get it	
SP-21	01/10/2003	5 . 12 . 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 23.003 Numbering, Addressing and Identification

Rel-5 *current version:* 5.7.0

freeze_meeting: NP-15

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

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

history (event, available, version, comments):

NP-12 27/06/2001 5 . 0 . 0

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

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

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

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

[get it](#)

NP-16 21/06/2002 5 . 3 . 0

[get it](#)

NP-17 17/09/2002 5 . 4 . 0

[get it](#)

NP-18 07/01/2003 5 . 5 . 0

[get it](#)

post NP-18 fix 10/01/2003 5 . 5 . 1

[get it](#)

corrupted figures

pp24 ff

NP-20 27/06/2003 5 . 6 . 0

[get it](#)

NP-21 09/10/2003 5 . 7 . 0

[get it](#)

TS 23.007 Restoration procedures

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-15

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD

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

history (event, available, version, comments):

NP-16 21/06/2002 5 . 0 . 0

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

remarks - this release: .

TS 23.008 Organisation of subscriber data

Rel-5 *current version:* 5.6.0

freeze_meeting: NP-15

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG

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

history (event, available, version, comments):

NP-15 28/03/2002 5 . 0 . 0

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

NP-16 21/06/2002 5 . 1 . 0

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

NP-17 17/09/2002 5 . 2 . 0

[get it](#)

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

[get it](#)

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

[get it](#)

NP-20 27/06/2003 5 . 5 . 0

[get it](#)

NP-21 09/10/2003 5 . 6 . 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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.009	Handover procedures				
Rel-5	<i>current version:</i> 5.6.0	<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			
	NP-19 24/03/2003 5 . 4 . 0	get it			
	NP-20 27/06/2003 5 . 5 . 0	get it			
	NP-21 10/10/2003 5 . 6 . 0	get it			

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> .		

TS 23.012	Location management procedures				
Rel-5	<i>current version:</i> 5.2.0	<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>		
	NP-20 01/07/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-21 09/10/2003 5 . 2 . 0	get it			

TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<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> Should not be in UMTS ????		
	NP-17 17/09/2002 5 . 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-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.015	Technical realization of Operator Determined Barring (ODB)				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD	
		<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 23.016	Subscriber data management; Stage 2				
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
		<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 NP-17 17/09/2002 5 . 2 . 0	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
TS 23.018	Basic Call Handling; Technical realization				
Rel-5	<i>current version:</i> 5.8.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD	
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i> 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 NP-19 04/04/2003 5 . 6 . 0 NP-20 27/06/2003 5 . 7 . 0 NP-21 09/10/2003 5 . 8 . 0	get it get it get it get it get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
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.	

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 23.032	Universal Geographical Area Description (GAD)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-19	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-19 27/03/2003 5 . 0 . 0				get it	remarks - general: S2 responsibility? remarks - this release: .
<hr/>						
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	NP-16 26/06/2002 5 . 0 . 0				get it	remarks - general:
	NP-18 18/12/2002 5 . 1 . 0				get it	remarks - this release: .
	NP-19 24/03/2003 5 . 2 . 0				get it	
<hr/>						
TS 23.035	Immediate Service Termination (IST); Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-16 24/06/2002 5 . 0 . 0				get it	remarks - general: SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).
	SP-17 18/09/2002 5 . 1 . 0				get it	remarks - this release: .
<hr/>						
TS 23.038	Alphabets and language-specific information					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-15 21/03/2002 5 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-16 02/07/2002 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 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:* 5.6.1
freeze_meeting: TP-15
history (event, available, version, comments):

NP-12	05/07/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.
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	get it		
test vector file					
TP-20	26/06/2003	5 . 6 . 0	get it		figures 15h & g illegible
TP-20	03/10/2003	5 . 6 . 1	get it		fixes illegible figures

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

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

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

TP-16	26/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
TP-19	24/03/2003	5 . 1 . 0	get it	<i>remarks - this release:</i>	.

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

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* DIETZE, Claus

history (event, available, version, 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,
TP-13	12/10/2001	5	.	1	.	0	get it <i>remarks - this release:</i> .
TP-14	17/01/2002	5	.	2	.	0	get it
TP-15	28/03/2002	5	.	3	.	0	get it
TP-17	23/09/2002	5	.	4	.	0	get it
TP-18	02/01/2003	5	.	5	.	0	get it
TP-19	26/03/2003	5	.	6	.	0	get it
TP-20	23/06/2003	5	.	7	.	0	get it

TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-16	28/06/2002	5	.	0	.	0	get it <i>remarks - general:</i> No draft. <i>remarks - this release:</i> .
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TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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> .

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 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	get it	Seems that approved CR418 was not implemented.
SP-19	27/03/2003	5 . 5 . 0	get it	
SP-20	20/06/2003	5 . 6 . 0	get it	

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
NP-20	27/06/2003	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-21	09/10/2003	5 . 2 . 0	get it	

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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G = required in systems with GERAN 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 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-5 *current version:* 5.5.1 *WG (prime / other):* N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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
NP-19	25/03/2003	5	.	3	.	0	get it
NP-20	20/06/2003	5	.	4	.	0	get it
NP-21	29/09/2003	5	.	5	.	0	get it
remove redundant SDL files	08/10/2003	5	.	5	.	1	get it

TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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
NP-21	09/10/2003	5	.	3	.	0	get it

TS 23.081 Line Identification supplementary services; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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-19	04/04/2003	5	.	2	.	0	get it

TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

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

history (event, available, version, comments):

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

TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

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

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

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

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

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-16 24/06/2002 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 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:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.10.0
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
SP-19 27/03/2003 5 . 8 . 0
SP-20 26/06/2003 5 . 9 . 0
SP-21 01/10/2003 5 . 10 . 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](#)
[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 23.110	UMTS Access Stratum Services and Functions								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-22		G: yes U: yes		<i>MCC:</i>	YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>								
	upgrade to Rel-5	09/10/2003	5 . 0 . 0	Created when discovered it was missing	get it	<i>remarks - general:</i>			
	following SP-21			post SP-21. To be ratified SP-22.		<i>remarks - this release:</i>	.		
<hr/>									
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		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>	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		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>	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> 5.3.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> NP-15		G: U: 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				
	NP-21	10/10/2003	5 . 3 . 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		G: U: 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				

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 23.135 Multicall supplementary service; Stage 2

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

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
TP-14 11/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO
publication till it is available.
TP-15 29/03/2002 5 . 2 . 0 [get it](#)
TP-16 05/07/2002 5 . 3 . 0 Schema delivered 2002-07-07 (uploaded [get it](#)
-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 Schema v1.1 uploaded 2002-11-14. [get it](#)
TP-18 20/12/2002 5 . 5 . 0 Schema v1.2 (REL-5-MM7-1-2.xsd) [get it](#)
uploaded 2003-01-08 and version without
file extension 2003-01-14.
TP-19 31/03/2003 5 . 6 . 0 [get it](#)
TP-20 25/06/2003 5 . 7 . 0 [get it](#)
TP-21 03/10/2003 5 . 8 . 0 [get it](#)

TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.
freeze_meeting: NP-15 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-16 28/06/2002 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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.153 Out of Band Transcoder Control; Stage 2

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

history (event, available, version, comments):

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	
NP-19	04/04/2003	5 . 4 . 0	get it	
NP-20	27/06/2003	5 . 5 . 0	get it	
NP-21	09/10/2003	5 . 6 . 0	get it	

TS 23.172 Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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	
NP-21	03/10/2003	5 . 2 . 0	get it	

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: SP-20 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft	24/03/2003	0 . 1 . 0	get it	<i>remarks - general:</i> Created as a result of 23.895.
SP-19	24/03/2003	1 . 0 . 0	get it	<i>remarks - this release:</i> SP-20: approved as a Rel-5 document, not Rel-6.
S2-32		1 . 2 . 0		S2-031951 (inc in RP-030234)
draft		1 . 3 . 0		Tech identical to v1.2.0; S2-031953
SP-20		2 . 0 . 0		SP-030314
SP-20	17/06/2003	2 . 1 . 0	get it	SP-030335; incorporates RP-20 decisions re IMEISV vs bitmap resolved (ie remove IMEISV)
SP-20	20/06/2003	5 . 0 . 0	get it	
SP-21	01/10/2003	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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-5 *current version:* 5.6.0
freeze_meeting: NP-15
history (event, available, version, comments):

NP-14	10/01/2002	5 . 0 . 0		
NP-15	28/03/2002	5 . 1 . 0	get it	<i>remarks - general:</i> 2000-10: Rap change from Keutmann.
NP-16	21/06/2002	5 . 2 . 0	get it	<i>remarks - this release:</i> .
NP-17	18/09/2002	5 . 3 . 0	get it	
NP-18	07/01/2003	5 . 4 . 0	get it	
NP-19	04/04/2003	5 . 5 . 0	get it	
NP-20	27/06/2003	5 . 6 . 0	get it	

WG (*prime / other*): N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
G: U: yes *MCC:* KYMALAINEN, Kimmo

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

Rel-5 *current version:* 5.8.0
freeze_meeting: SP-15
history (event, available, version, comments):

SP-12		2 . 0 . 0	SP-010337	
SP-12	02/07/2001	5 . 0 . 0		get it
SP-13	15/10/2001	5 . 1 . 0		get it
SP-14	07/01/2002	5 . 2 . 0		get it
SP-15	05/04/2002	5 . 3 . 0		get it
SP-16	18/06/2002	5 . 4 . 0		get it
SP-17	24/09/2002	5 . 5 . 0		get it
SP-18	10/01/2003	5 . 6 . 0		get it
SP-19	27/03/2003	5 . 7 . 0		get it
SP-20	20/06/2003	5 . 8 . 0		get it

WG (*prime / other*): S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
G: yes U: yes *MCC:* YOON, Sang-Ui

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 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:* 5.6.0

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	<i>remarks - general:</i>
draft	20/08/2001	0 . 5 . 2	get it	<i>remarks - this release:</i> .
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	get it	NP-010640
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	get it	NP-020047
NP-15	19/03/2002	5 . 0 . 0	get it	
NP-16	25/06/2002	5 . 1 . 0	get it	
NP-17	17/09/2002	5 . 2 . 0	get it	
NP-18	18/12/2002	5 . 3 . 0	get it	
NP-19	24/03/2003	5 . 4 . 0	get it	
NP-20	03/07/2003	5 . 5 . 0	get it	
NP-21	30/09/2003	5 . 6 . 0	get it	

TS 23.221 Architectural requirements

Rel-5 *current version:* 5.8.0

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	<i>remarks - general:</i> Derived from R99-specific 23.121
SP-12	02/07/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>
SP-13	12/10/2001	5 . 2 . 0	get it	
SP-14	07/01/2002	5 . 3 . 0	get it	
SP-15	05/04/2002	5 . 4 . 0	get it	
SP-16	18/06/2002	5 . 5 . 0	get it	
SP-17	02/10/2002	5 . 6 . 0	get it	
SP-18	10/01/2003	5 . 7 . 0	get it	
SP-21	01/10/2003	5 . 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-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		2 . 0 . 0	SP-010336		
SP-12	29/06/2001	5 . 0 . 0		get it	<i>remarks - general:</i> 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.
SP-14	07/01/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> WI approved TSG#7
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	<i>remarks - general:</i>
TP-15	26/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5 *current version:* 5.10.0 *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	<i>remarks - general:</i>
SP-10	10/01/2001	1 . 4 . 0	SP-000598	get it	<i>remarks - this release:</i>
draft	06/02/2001	1 . 7 . 0		get it	
SP-11	06/04/2001	5 . 0 . 0		get it	
SP-12	02/07/2001	5 . 1 . 0		get it	
SP-13	17/10/2001	5 . 2 . 0		get it	
repair of lost figures		5 . 2 . 1			
SP-14	04/01/2002	5 . 3 . 0		get it	
SP-15	08/04/2002	5 . 4 . 0		get it	
edito post SP-15	12/04/2002	5 . 4 . 1		get it	
SP-16	17/06/2002	5 . 5 . 0		get it	
SP-17	30/09/2002	5 . 6 . 0		get it	
SP-18	07/01/2003	5 . 7 . 0		get it	
SP-19	27/03/2003	5 . 8 . 0		get it	
SP-20	20/06/2003	5 . 9 . 0		get it	
SP-21	01/10/2003	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 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 *current version:* 5.2.0 *WG (prime / other):* S2 / - *rapporteur:* TERRILL, Stephen Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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 23.271 Location Services (LCS); Functional description; Stage 2

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	
SP-19	27/03/2003	5	.	6	.	0		get it	
SP-20	23/06/2003	5	.	7	.	0		get it	
SP-21	02/10/2003	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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-5 *current version:* 5.4.0 *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	
NP-19	25/03/2003	5 . 2 . 0		get it	
NP-20	20/06/2003	5 . 3 . 0		get it	
NP-21	29/09/2003	5 . 4 . 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	

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

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
draft 0 . 0 . 2
draft 0 . 0 . 3
draft 0 . 1 . 0
S2-21 0 . 2 . 0
draft 0 . 3 . 0
draft 0 . 4 . 0
SP-14 02/01/2002 1 . 0 . 0 SP-010717
S2-23 1 . 2 . 0
draft 19/03/2002 1 . 3 . 0
SP-15 2 . 0 . 0 not presented
SP-16 22/07/2002 2 . 1 . 0 SP-020379
SP-16 25/07/2002 5 . 0 . 0

remarks - general:

remarks - this release: Not to progress to Rel-6: see 23.271.

[get it](#)

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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
SP-14 04/04/2002 5 . 1 . 0

remarks - general:

SP-13: changed number from 23.974.

remarks - this release: .

[get it](#)

[get it](#)

TR 23.910 Circuit switched data bearer services

Rel-5 *current version:* 5.4.0 *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
NP-17 17/09/2002 5 . 1 . 0
NP-18 06/01/2003 5 . 2 . 0
NP-19 27/03/2003 5 . 3 . 0
NP-21 01/10/2003 5 . 4 . 0

remarks - general:

03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)

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

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

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

G: yes *U:* yes

history (event, available, version, comments):

NP-16 28/06/2002 5 . 0 . 0
NP-19 24/03/2003 5 . 1 . 0
correction of typo 02/06/2003 5 . 1 . 1
on cover page

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

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

[get it](#)

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

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

G: yes *U:* yes

history (event, available, version, comments):

NP-16 24/06/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0

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

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

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 *MCC:* JORGENSEN, Per Johan

G: yes *U:* yes

history (event, available, version, comments):

NP-12 13/07/2001 5 . 0 . 0
NP-13 05/10/2001 5 . 1 . 0
NP-14 10/01/2002 5 . 2 . 0
NP-15 21/03/2002 5 . 3 . 0
NP-16 24/06/2002 5 . 4 . 0
NP-17 17/09/2002 5 . 5 . 0
NP-18 18/12/2002 5 . 6 . 0
NP-19 24/03/2003 5 . 7 . 0
NP-20 04/07/2003 5 . 8 . 0
NP-21 09/10/2003 5 . 9 . 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-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 MOTOROLA A/S Skov		
		<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> 5.2.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov		
		<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 NP-20 03/07/2003 5 . 2 . 0	get it 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> 5.4.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert 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 NP-19 27/03/2003 5 . 2 . 0 NP-20 23/06/2003 5 . 3 . 0 NP-21 01/10/2003 5 . 4 . 0	get it get it get it get it 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-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 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> .		

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 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 24.072	Call Deflection Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, 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> 5.4.0	<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-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	
	NP-21 09/10/2003 5 . 4 . 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> .

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 24.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3

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

TS 24.084 MultiParty (MPY) Supplementary Service; Stage 3

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.087 User-to-User Signalling (UUS); Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-16 25/06/2002 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 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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: .

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: .

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

3GPP specification status

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

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: .

TS 24.228 Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 *current version:* 5.6.0

freeze_meeting: NP-16

history (event, available, version, comments):

NP-10 05/01/2001 0 . 1 . 0 N1-001114->1378 (NP-000683)

draft 26/03/2001 0 . 4 . 0

draft 18/04/2001 0 . 5 . 0

NP-12 26/06/2001 1 . 0 . 0 NP-010278

draft 1 . 0 . 0 N1-17

draft 26/06/2001 1 . 1 . 0 N1-010944

draft 01/08/2001 1 . 2 . 0 N1-011230

draft 11/09/2001 1 . 3 . 0 N1-011363

draft 14/09/2001 1 . 4 . 0 N1-011364

draft 05/10/2001 1 . 5 . 0 N1-011496

draft 24/10/2001 1 . 6 . 0 N1-011706

draft 19/11/2001 1 . 7 . 0

NP-14 04/12/2001 1 . 8 . 0 NP-010641

draft 22/01/2002 1 . 9 . 0

draft 06/02/2002 1 . 10 . 0

draft 26/02/2002 2 . 0 . 0

draft 26/02/2002 2 . 0 . 1

NP-15 19/03/2002 2 . 0 . 2 NP-020048

NP-15 19/03/2002 5 . 0 . 0 not yet frozen

NP-16 16/07/2002 5 . 1 . 0 Enormous CRs to create this version;
take several man.weeks to accomplish

NP-17 17/09/2002 5 . 2 . 0

NP-18 10/01/2003 5 . 3 . 0

NP-19 24/03/2003 5 . 4 . 0

NP-20 04/07/2003 5 . 5 . 0

NP-21 08/10/2003 5 . 6 . 0

WG (prime / other): N1 / - *rapporteur:* KISS, Krisztian

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

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

[get it](#)

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

3GPP specification status

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

TS 24.229 Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3

Rel-5 *current version:* 5.6.0 *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	
NP-19	24/03/2003	5 . 4 . 0		get it	
NP-20	23/06/2003	5 . 5 . 0		get it	
NP-21	29/09/2003	5 . 6 . 0		get it	

Rel-5

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.

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 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-5 *current version:* 5.8.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
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 <i>remarks - general:</i>
RP-14	14/01/2002	5	.	1	.	0	get it <i>remarks - this release:</i> .
RP-15	29/03/2002	5	.	2	.	0	get it
RP-16	01/07/2002	5	.	3	.	0	get it
RP-17	04/10/2002	5	.	4	.	0	get it
RP-18	10/01/2003	5	.	5	.	0	get it
RP-19	04/04/2003	5	.	6	.	0	get it
RP-20	27/06/2003	5	.	7	.	0	get it
RP-21	10/10/2003	5	.	8	.	0	get it

TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik 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 <i>remarks - general:</i>
editor post RP-15	15/04/2002	5	.	0	.	1	Fixes change history table entry. 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
RP-19	04/04/2003	5	.	4	.	0	get it
RP-20	27/06/2003	5	.	5	.	0	get it

TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson
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 <i>remarks - general:</i>
RP-14	14/01/2002	5	.	1	.	0	get it <i>remarks - this release:</i> .
RP-15	29/03/2002	5	.	2	.	0	get it
RP-16	01/07/2002	5	.	3	.	0	get it
RP-17	02/10/2002	5	.	4	.	0	get it
RP-18	10/01/2003	5	.	5	.	0	get it
RP-19	04/04/2003	5	.	6	.	0	get it
RP-20	27/06/2003	5	.	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-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 *current version:* 5.4.0

freeze_meeting: RP-15

history (event, available, version, comments):

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

WG (prime / other): R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG

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

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

TS 25.106 UTRA repeater radio transmission and reception

Rel-5 *current version:* 5.6.0

freeze_meeting: RP-15

history (event, available, version, comments):

RP-15	29/03/2002	5	.	0	.	0
RP-16	01/07/2002	5	.	1	.	0
RP-17	02/10/2002	5	.	2	.	0
RP-18	10/01/2003	5	.	3	.	0
RP-19	04/04/2003	5	.	4	.	0
RP-20	27/06/2003	5	.	5	.	0
RP-21	10/10/2003	5	.	6	.	0

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](#)

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.4.0

freeze_meeting: RP-15

history (event, available, version, comments):

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

WG (prime / other): R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry

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

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

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

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ACTIVE specs Rel-5 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-5 *current version:* 5.6.0 *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-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	
RP-19	04/04/2003	5 . 4 . 0	get it	
RP-20	01/07/2003	5 . 5 . 0	get it	
RP-21	10/10/2003	5 . 6 . 0	get it	

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

Rel-5 *current version:* 5.8.0 *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	<i>remarks - general:</i>
RP-14	17/01/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
RP-15	29/03/2002	5 . 2 . 0	get it	
RP-16	04/07/2002	5 . 3 . 0	get it	
RP-17	04/10/2002	5 . 4 . 0	get it	
RP-18	10/01/2003	5 . 5 . 0	get it	
RP-19	04/04/2003	5 . 6 . 0	get it	
RP-20	02/07/2003	5 . 7 . 0	get it	
RP-21	10/10/2003	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 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-5 *current version:* 5.7.0
freeze_meeting: RP-15
history (event, available, version, comments):

RP-13	03/10/2001	5 . 0 . 0	
RP-14	16/01/2002	5 . 1 . 0	get it <i>remarks - general:</i>
RP-15	02/04/2002	5 . 2 . 0	get it <i>remarks - this release:</i> .
RP-16	04/07/2002	5 . 3 . 0	get it
edito post RP-16	19/07/2002	5 . 3 . 1	eliminate duplicate clause numbers get it
RP-17	04/10/2002	5 . 4 . 0	get it
RP-18	10/01/2003	5 . 5 . 0	get it
RP-19	04/04/2003	5 . 6 . 0	get it
RP-20	27/06/2003	5 . 7 . 0	get it

WG (prime / other): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

TS 25.142 Base Station (BS) conformance testing (TDD)

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

RP-15	29/03/2002	5 . 0 . 0	
RP-16	04/07/2002	5 . 1 . 0	get it <i>remarks - general:</i>
RP-17	04/10/2002	5 . 2 . 0	get it <i>remarks - this release:</i> .
RP-18	10/01/2003	5 . 3 . 0	get it
RP-19	04/04/2003	5 . 4 . 0	get it
RP-20	27/06/2003	5 . 5 . 0	get it

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

TS 25.143 UTRA repeater conformance testing

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

RP-15	19/03/2002	5 . 0 . 0	
RP-16	03/07/2002	5 . 1 . 0	
RP-17	02/10/2002	5 . 2 . 0	
RP-18	10/01/2003	5 . 3 . 0	
RP-19	04/04/2003	5 . 4 . 0	
RP-20	27/06/2003	5 . 5 . 0	
RP-21	10/10/2003	5 . 6 . 0	get it <i>remarks - general:</i> Created by renumbering 25.107

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

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 25.201 Physical layer - general description

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* WILDE, Andreas NEC EUROPE LTD
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-20 27/06/2003 5 . 4 . 0 [get it](#)
RP-21 29/09/2003 5 . 5 . 0 [get it](#)

TS 25.212 Multiplexing and channel coding (FDD)

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-19 04/04/2003 5 . 4 . 0 [get it](#)
RP-20 27/06/2003 5 . 5 . 0 [get it](#)
RP-21 29/09/2003 5 . 6 . 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 25.213 Spreading and modulation (FDD)

Rel-5 *current version:* 5.4.0
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
RP-19 04/04/2003 5 . 3 . 0
RP-21 29/09/2003 5 . 4 . 0

WG (prime / other): R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG
G: *U:* yes *MCC:* SASAKI, Tsukasa

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

TS 25.214 Physical layer procedures (FDD)

Rel-5 *current version:* 5.6.0
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
RP-18 07/01/2003 5 . 3 . 0
RP-19 04/04/2003 5 . 4 . 0
RP-20 27/06/2003 5 . 5 . 0
RP-21 29/09/2003 5 . 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:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.215 Physical layer; Measurements (FDD)

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15
history (event, available, version, comments):
RP-15 29/03/2002 5 . 0 . 0
RP-17 27/09/2002 5 . 1 . 0
RP-18 07/01/2003 5 . 2 . 0
RP-19 04/04/2003 5 . 3 . 0
RP-20 27/06/2003 5 . 4 . 0
RP-21 29/09/2003 5 . 5 . 0

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

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

G = required in systems with GERAN 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 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

RP-15	29/03/2002	5	.	0	.	0	get it <i>remarks - general:</i>
RP-16	28/06/2002	5	.	1	.	0	get it <i>remarks - this release: .</i>
RP-17	27/09/2002	5	.	2	.	0	get it
RP-18	07/01/2003	5	.	3	.	0	get it
RP-19	04/04/2003	5	.	4	.	0	get it
RP-20	27/06/2003	5	.	5	.	0	get it

TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co, Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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
editorial to correct clause numbers	22/10/2002	5	.	2	.	1	get it
RP-18	07/01/2003	5	.	3	.	0	get it
RP-19	04/04/2003	5	.	4	.	0	get it
RP-20	27/06/2003	5	.	5	.	0	get it

TS 25.223 Spreading and modulation (TDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R1 / - *rapporteur:* VACANT,
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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-18	07/01/2003	5	.	2	.	0	get it
RP-19	04/04/2003	5	.	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-5 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.6.0

freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG

G: U: yes *MCC:* SASAKI, Tsukasa

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

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

RP-20 27/06/2003 5 . 5 . 0

RP-21 29/09/2003 5 . 6 . 0

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

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

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

TS 25.225 Physical layer; Measurements (TDD)

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation

G: U: yes *MCC:* SASAKI, Tsukasa

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

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

RP-20 27/06/2003 5 . 5 . 0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.301 Radio Interface Protocol Architecture

Rel-5 *current version:* 5.2.0

freeze_meeting: RP-15

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH

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

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

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

TS 25.302 Services provided by the physical layer

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

RP-15	19/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	V3.0.0 approved via e-mail July 99 CR at TSG#5?
RP-16	17/06/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
RP-17	18/09/2002	5	.	2	.	0	get it		
RP-18	20/12/2002	5	.	3	.	0	get it		
RP-19	25/03/2003	5	.	4	.	0	get it		
RP-20	20/06/2003	5	.	5	.	0	get it		
RP-21	02/10/2003	5	.	6	.	0	get it		

WG (*prime / other*): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* ARZELIER, Claude

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	get it	<i>remarks - general:</i>	
RP-16	17/06/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	.

WG (*prime / other*): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
G: U: yes *MCC:* ARZELIER, Claude

TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

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

RP-15	19/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
RP-16	17/06/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
RP-18	08/01/2003	5	.	2	.	0	get it		
RP-20	25/06/2003	5	.	3	.	0	get it		

WG (*prime / other*): R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
G: U: yes *MCC:* ARZELIER, Claude

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 *current version:* 5.7.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-11	27/03/2001	5 . 0 . 0	get it	<i>remarks - general:</i> Created from 25.923
RP-12	19/06/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	02/10/2001	5 . 2 . 0	get it	
RP-14	04/01/2002	5 . 3 . 0	get it	
RP-15	19/03/2002	5 . 4 . 0	get it	
RP-19	25/03/2003	5 . 5 . 0	get it	
RP-20	20/06/2003	5 . 6 . 0	get it	
RP-21	02/10/2003	5 . 7 . 0	get it	

TS 25.306 UE Radio Access capabilities definition

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R2 / - *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	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-16	17/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
RP-17	18/09/2002	5 . 2 . 0	get it	
RP-18	08/01/2003	5 . 3 . 0	get it	
RP-19	25/03/2003	5 . 4 . 0	get it	
RP-20	20/06/2003	5 . 5 . 0	get it	
RP-21	02/10/2003	5 . 6 . 0	get it	

TS 25.307 Requirements on UEs supporting a release-independent frequency band

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

history (event, available, version, comments):

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
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requirements.

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-13 01/10/2001 0 . 1 . 0 RP-010643 for approval [get it](#) *remarks - general:* TS created from entrails of TR 25.855.
RP-13 02/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
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](#)
RP-19 25/03/2003 5 . 4 . 0 [get it](#)

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG
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:*
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 18/09/2002 5 . 2 . 0 [get it](#)
RP-18 08/01/2003 5 . 3 . 0 [get it](#)
RP-19 25/03/2003 5 . 4 . 0 [get it](#)
RP-20 20/06/2003 5 . 5 . 0 [get it](#)
RP-21 02/10/2003 5 . 6 . 0 [get it](#)

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
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:*
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 19/09/2002 5 . 2 . 0 [get it](#)
RP-18 10/01/2003 5 . 3 . 0 [get it](#)
RP-19 25/03/2003 5 . 4 . 0 [get it](#)
RP-20 20/06/2003 5 . 5 . 0 [get it](#)
RP-21 02/10/2003 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 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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:* 5.3.0
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-18 13/01/2003 5 . 2 . 0
RP-19 25/03/2003 5 . 3 . 0

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH
G: *U:* yes *MCC:* ARZELIER, Claude
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version:* 5.6.0
freeze_meeting: RP-15
history (event, available, version, comments):
RP-15 04/04/2002 5 . 0 . 0
RP-16 21/06/2002 5 . 1 . 0
RP-17 01/10/2002 5 . 2 . 0
RP-18 03/02/2003 5 . 3 . 0
RP-19 27/03/2003 5 . 4 . 0
RP-20 25/06/2003 5 . 5 . 0
RP-21 02/10/2003 5 . 6 . 0

WG (prime / other): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: *U:* yes *MCC:* ARZELIER, Claude
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[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 25.401	UTRAN overall description					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> GODIN, Philippe			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	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				
	RP-20 17/06/2003 5 . 6 . 0	get it				
<hr/>						
TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter			SIEMENS AG
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	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> .			
	RP-20 17/06/2003 5 . 2 . 0	get it				
<hr/>						
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> IYER, Subramanian S.			MOTOROLA A/S
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	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				
<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> KUNZ, Walter			SIEMENS AG
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-15 25/03/2002 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 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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>	NG, Cheng Hock	NEC Corporation
	<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 Radio Access Network Application Part (RANAP) signalling					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	GUYOT, Olivier	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		
	RP-19 26/03/2003 5 . 4 . 0			get it		
	RP-20 17/06/2003 5 . 5 . 0			get it		
	RP-21 30/09/2003 5 . 6 . 0			get it		
<hr/>						
TS 25.414	UTRAN Iu interface data transport & transport signalling					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ISRAELSSON, Martin	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		
	RP-19 26/03/2003 5 . 4 . 0			get it		
<hr/>						
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>	ISRAELSSON, Martin	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 25/03/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
	RP-16 28/06/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>	.
	RP-17 30/09/2002 5 . 2 . 0			get it		
	RP-18 03/01/2003 5 . 3 . 0			get it		

G = required in systems with GERAN 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 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-5	<i>current version:</i> 5.5.0	<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>					
	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				
	RP-19 26/03/2003 5 . 3 . 0	get it				
	RP-20 17/06/2003 5 . 4 . 0	get it				
	RP-21 30/09/2003 5 . 5 . 0	get it				

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> MIAH, Babul	Lucent Technologies Network Systems UK		
	<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> .			

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> KUNZ, Walter	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> .			

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> MIAH, Babul	Lucent Technologies Network Systems UK		
	<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 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 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R3 / - *rapporteur:* ERICSSON, Ingela Telefon AB LM Ericsson
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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	One CR endorsed by PCG
RP-17	11/10/2002	5 . 3 . 0	get it	
RP-18	03/01/2003	5 . 4 . 0	get it	
RP-19	31/03/2003	5 . 5 . 0	get it	
RP-20	17/06/2003	5 . 6 . 0	get it	
RP-21	30/09/2003	5 . 7 . 0	get it	

TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

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-21	30/09/2003	5 . 2 . 0	get it	

TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-15	02/04/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
RP-16	28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
RP-17	03/10/2002	5 . 2 . 0	get it	
RP-18	03/01/2003	5 . 3 . 0	get it	
RP-19	26/03/2003	5 . 4 . 0	get it	
RP-20	17/06/2003	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 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-5	<i>current version:</i> 5.3.0	<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		
	RP-21	30/09/2003	5 . 3 . 0	get it		
<hr/>						
TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAKULI, Tuomas	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	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> .	
	RP-21	30/09/2003	5 . 2 . 0	get it		
<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> KOIZUMI, Yoshiko	Fujitsu 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> KUNZ, Walter	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> .	

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 25.435	UTRAN lub interface user plane protocols for CCH data streams						
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> STOJANOVSKI, Saso	NORTEL NETWORKS (EUROPE)			
	<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-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	RP-17 03/10/2002 5 . 2 . 0	get it					
	RP-18 03/01/2003 5 . 3 . 0	get it					
	RP-19 26/03/2003 5 . 4 . 0	get it					
	RP-20 17/06/2003 5 . 5 . 0	get it					
<hr/>							
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> HAUSER, Alexander	Indicate persons who left Company and wait for new One			
	<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 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)		<i>remarks - this release:</i> .				
	RP-17 03/10/2002 5 . 1 . 0	get it					
<hr/>							
TS 25.450	UTRAN lupc interface general aspects and principles						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>						
	RP-12 2 . 0 . 0 RP-010400		<i>remarks - general:</i>				
	RP-12 05/07/2001 5 . 0 . 0	get it	<i>remarks - this release:</i> .				
	RP-14 11/01/2002 5 . 1 . 0	get it					
<hr/>							
TS 25.451	UTRAN lupc interface layer 1						
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>						
	RP-12 2 . 0 . 0 RP-010401		<i>remarks - general:</i>				
	RP-12 05/07/2001 5 . 0 . 0	get it	<i>remarks - this release:</i> .				
	correction to 24/04/2002 5 . 0 . 1	get it					
	history table						

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 25.452	UTRAN IuCS interface: signalling transport					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-13 26/09/2001 2 . 0 . 0				RP-010640	get it <i>remarks - general:</i>
	RP-13 12/10/2001 5 . 0 . 0					get it <i>remarks - this release:</i> .
<hr/>						
TS 25.453	UTRAN IuCS interface Positioning Calculation Application Part (PCAP) signalling					
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-12 05/07/2001 2 . 0 . 0				RP-010402	<i>remarks - general:</i>
	RP-12 05/07/2001 5 . 0 . 0					get it <i>remarks - this release:</i> .
	RP-13 12/10/2001 5 . 1 . 0					get it
	RP-14 11/01/2002 5 . 2 . 0					get it
	RP-15 25/03/2002 5 . 3 . 0					get it
	RP-16 28/06/2002 5 . 4 . 0					get it
	RP-19 26/03/2003 5 . 5 . 0					get it
	RP-20 17/06/2003 5 . 6 . 0					get it
	RP-21 30/09/2003 5 . 7 . 0					get it
<hr/>						
TR 25.854	Uplink Synchronous Transmission Scheme (USTS)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Duk Kyung	SK TELECOM		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	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
<hr/>						
TR 25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> GHOSH, Amitabha	Motorola Inc.		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	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

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

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>history (event, available, version, comments):</i>	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	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 access 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>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15 19/03/2002 1 . 0 . 0 RP-020087				<i>remarks - general:</i>	
	RP-16 25/06/2002 2 . 0 . 0 RP-020344				<i>remarks - this release:</i> .	
	RP-16 17/06/2002 5 . 0 . 0				get it	

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			China Academy of Telecommunications Technology
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-13 01/10/2001 1 . 0 . 0 RP-010668				<i>remarks - general:</i>	
	RP-14 02/01/2002 1 . 1 . 0 RP-010898				<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					

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

TR 25.870 Enhancement on the DSCH Hard Split mode

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R1 / *rapporteur:* KIM, Jaeyoel Samsung Electronics Ind. Co., Ltd.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
RP-12 28/06/2001 0 . 1 . 0 RP-010420 [get it](#) *remarks - general:*
draft 14/09/2001 1 . 0 . 0 RP-010534 [get it](#) *remarks - this release:* .
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](#)

TR 25.875 NAS node selector function

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
RP-11 06/04/2001 0 . 0 . 1 [get it](#) *remarks - general:*
RP-14 02/01/2002 1 . 0 . 0 RP-010881 [get it](#) *remarks - this release:*
RP-15 19/03/2002 2 . 0 . 0 RP-020153 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)

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](#)

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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	current version: 5.0.0	WG (prime / other):	R3 /	rapporteur:	HAUTALA, Jari	NOKIA Corporation
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version, comments):					
	draft	0 . 0 . 1		remarks - general:	2003-01: title changed from "Traffic termination point swapping" some time ago.	
	R3-21	0 . 0 . 2		remarks - this release:	.	
	R3-21	0 . 1 . 0	RP-010609			
	R3-23	0 . 1 . 1				
	R3-24	0 . 2 . 0				
	draft	0 . 2 . 1				
	R3-25	0 . 3 . 0				
	draft 11/01/2002	0 . 3 . 0		get it		
	draft	0 . 3 . 1				
	R3-26	0 . 4 . 0				
	draft	0 . 4 . 1				
	draft	0 . 4 . 2				
	R3-27	0 . 5 . 0				
	draft	0 . 5 . 1				
	RP-15 19/03/2002	1 . 0 . 0	RP-020145	get it		
	RP-15 19/03/2002	2 . 0 . 0	RP-020146	get it		
	RP-15 25/03/2002	5 . 0 . 0		get it		

TR 25.881	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS					
Rel-5	current version: 5.0.0	WG (prime / other):	R3 /	rapporteur:	HWANG, Woonhee	NOKIA Corporation
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version, comments):					
	R3-23	0 . 2 . 0	Status report in RP-010611	remarks - general:	.	
	draft	0 . 4 . 0		remarks - this release:	.	
	draft	0 . 4 . 1	04/12/2001			
	RP-14 02/01/2002	1 . 0 . 0	RP-010922	get it		
	RP-14 02/01/2002	2 . 0 . 0	RP-010923	get it		
	RP-14 09/01/2002	5 . 0 . 0		get it		

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 25.882	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	MCC:	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	SAMSUNG Electronics Research Institute	
	<i>freeze_meeting:</i> RP-16	G: U: yes	MCC:	KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>				
	draft 03/12/2001 0 . 2 . 0	get it			
	RP-16 25/06/2002 1 . 0 . 0	get it			RP-020392
	RP-16 25/06/2002 2 . 0 . 0	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			
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<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	MCC:	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			
	RP-15 19/03/2002 1 . 0 . 0	get it			RP-020152
	RP-15 19/03/2002 2 . 0 . 0	get it			RP-020153
	RP-15 02/04/2002 5 . 0 . 0	get it			
					<i>remarks - general:</i> Previous rapporteur: Shahrokh Amirijoo.
					<i>remarks - this release:</i> .
<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	MCC:	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	draft 0 . 0 . 0				
	RP-16 26/06/2002 1 . 0 . 0	get it			RP-020376
					<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 25 .- series
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TR 25.921	Guidelines and principles for protocol description and error handling					
Rel-5	<i>current version:</i> 5.2.0	<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>	.
	RP-21 02/10/2003 5 . 2 . 0			get it		
<hr/>						
TR 25.922	Radio Resource Management Strategies					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	BULDORINI, Andrea	TELECOM ITALIA 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>	
	RP-21 02/10/2003 5 . 1 . 0			get it	<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> 5.3.0	<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 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		
	RP-20 17/06/2003 5 . 3 . 0			get it		
<hr/>						
TR 25.942	RF system scenarios					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	BENABDALLAH, Nadia	Vodafone Omnitel N.V
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.
	RP-16 03/07/2002 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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TR 25.943	Deployment aspects								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	RP-15 02/04/2002	5	.	0	.	0			
	edito 03/05/2002	5	.	0	.	1			
	RP-16 03/07/2002	5	.	1	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
							get it		
<hr/>									
TR 25.945	RF requirements for low chip rate TDD option								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	RP-15 02/04/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TR 25.952	Base Station classification (TDD)								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	RP-12	2	.	0	.	0	RP-010457		
	RP-12 29/06/2001	5	.	0	.	0			
	RP-16 03/07/2002	5	.	1	.	0			
	RP-19 04/04/2003	5	.	2	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	promoted from Rel-4 at RP-12.
							get it		
<hr/>									
TR 25.956	UTRA repeater: Planning guidelines and system analysis								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	RP-15 02/04/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	.
								<i>remarks - this release:</i>	.

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

TR 25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MOSHAVI, Shimon	INTEL CORPORATION SARL				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	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				
<hr/>									
TR 25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-18	13/01/2003	5 . 0 . 0	Back creation from Rel-6 version	get it	remarks - general:			
						remarks - this release:	Pointer to latest release version.		
<hr/>									
TR 25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults								
Rel-5	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R2 / R1,	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15		R3, R4						
			G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-18	06/01/2003	0 . 0 . 0	RP-020880	get it	remarks - general:	RP-20: Primary responsibility moved from RP to R2.		
						remarks - this release:	.		
<hr/>									
TR 25.995	Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification								
Rel-5	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> R2 / R1,	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.				
	<i>freeze_meeting:</i> SP-15		R3, R4						
			G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 1			remarks - general:	RP-20: Primary responsibility moved from RP to R2.		
						remarks - this release:	.		

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

TS 26.071	AMR speech Codec; General description								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-16		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 26.073	AMR speech Codec; C-source code								
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>		<i>remarks - this release:</i> .
	SP-19 04/04/2003 5 . 1 . 0				get it		<i>remarks - this release:</i> .		
	SP-21 02/10/2003 5 . 2 . 0	Note missing C-code line in CR which created this version has been corrected by WG Secretary.			get it				
<hr/>									
TS 26.074	AMR speech Codec; Test sequences								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, 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 26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder								
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	SP-16 28/06/2002 5 . 0 . 0				get it		<i>remarks - general:</i>		<i>remarks - this release:</i> .
	correct spelling 17/06/2003 5 . 0 . 1	No SDO publication necessary			get it		<i>remarks - this release:</i> .		
	mistake in title								
<hr/>									
TS 26.090	AMR speech Codec; Transcoding Functions								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, 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 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 26.091	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 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> .			
<hr/>						
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> .			

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TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16	<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>			
	SP-18 03/01/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-19 04/04/2003 5 . 2 . 0	get it				

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	<i>G: yes U: yes</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> New after TSG#5			
	SP-15 28/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-16 28/06/2002 5 . 2 . 0	get it				
	SP-17 24/09/2002 5 . 3 . 0	get it				
	SP-18 03/01/2003 5 . 4 . 0	get it				

TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino			TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-16	<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>			
	SP-19 04/04/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-20 25/06/2003 5 . 2 . 0	get it				

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	<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>			
			<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 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0				CR at TSG#5	
	SP-20 25/06/2003 5 . 1 . 0				remarks - this release: .	
				get it		
				get it		
<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 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				remarks - general:	
					remarks - this release: .	
				get it		
<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				remarks - general:	
	SP-13 02/10/2001 5 . 1 . 0				remarks - this release:	
	SP-17 24/09/2002 5 . 2 . 0					
				get it		
				get it		
				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> 5.4.0	<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				remarks - general:	
	SP-13 02/10/2001 5 . 1 . 0				remarks - this release:	
	SP-15 28/03/2002 5 . 2 . 0					
	SP-17 24/09/2002 5 . 3 . 0					
	SP-21 01/10/2003 5 . 4 . 0					
				get it		
				get it		
				get it		
				get it		
				get it		
<hr/>						

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 - Wideband (AMR-W) speech codec

Rel-5 *current version:* 5.8.0 *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	
SP-19	04/04/2003	5 . 6 . 0		get it	
SP-20	25/06/2003	5 . 7 . 0		get it	
SP-20	27/06/2003	5 . 7 . 1	Includes C-code!	get it	
SP-21	01/10/2003	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 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
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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 Iu 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	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				

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 26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec				
Rel-5	<i>current version:</i> 5.2.0	<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	get it	<i>remarks - general:</i>	
	SP-15 19/03/2002	2 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-15 28/03/2002	5 . 0 . 0	get it		
	SP-19 04/04/2003	5 . 1 . 0	get it		
	SP-21 01/10/2003	5 . 2 . 0	get it		

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	

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	

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		

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 26.233 End-to-end transparent streaming service; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 26.234 Transparent end-to-end streaming service; Protocols and codecs

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
SP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-17 24/09/2002 5 . 2 . 0 [get it](#)
SP-18 03/01/2003 5 . 3 . 0 [get it](#)
SP-19 04/04/2003 5 . 4 . 0 [get it](#)
SP-20 25/06/2003 5 . 5 . 0 [get it](#)
SP-21 01/10/2003 5 . 6 . 0 [get it](#)

TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-12 27/06/2001 5 . 0 . 0 based on v4.1.0 [get it](#) *remarks - general:*
SP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* SP-12: transferred to Rel-5.

TS 26.236 Packet switched conversational multimedia applications; Transport protocols

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-14 02/01/2002 1 . 0 . 0 SP-010694 [get it](#) *remarks - general:*
SP-15 19/03/2002 2 . 0 . 0 SP-020074 [get it](#) *remarks - this release:* .
SP-15 28/03/2002 5 . 0 . 0 [get it](#)
SP-18 03/01/2003 5 . 1 . 0 [get it](#)
SP-19 04/04/2003 5 . 2 . 0 [get it](#)
SP-20 25/06/2003 5 . 3 . 0 [get it](#)
SP-21 01/10/2003 5 . 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-5 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-19 04/04/2003 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model					
Rel-5	<i>current version:</i> 5.0.0	<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. SP-19: still under revision, anticipated for approval at SP-20.		
	draft 04/04/2003 1 . 4 . 0	get it				
	S4-26 17/06/2003 1 . 5 . 0 S4-030369	get it				
	SP-21 29/09/2003 2 . 0 . 0 SP-030443	get it				
	SP-21 08/10/2003 5 . 0 . 0	get it				
<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>			
<hr/>						
TR 26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VAINIO, Janne	NOKIA Corporation		
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 0 . 0 . 1		<i>remarks - general:</i>	Cf 26.975.		
	SP-12 27/06/2001 0 . 3 . 0 SP-010302	get it	<i>remarks - this release:</i>			
	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				
	SP-21 01/10/2003 5 . 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-5 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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:* 5.7.0 *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	<i>remarks - general:</i>
NP-15	20/03/2002	5 . 1 . 0	get it	<i>remarks - this release: .</i>
NP-16	24/06/2002	5 . 2 . 0	get it	
NP-17	17/09/2002	5 . 3 . 0	get it	
NP-18	09/01/2003	5 . 4 . 0	get it	
NP-19	27/03/2003	5 . 5 . 0	get it	
NP-20	25/06/2003	5 . 6 . 0	get it	
NP-21	01/10/2003	5 . 7 . 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	<i>remarks - general:</i> <i>remarks - this release: .</i>
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TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-5 *current version:* 5.0.0 *WG (prime / other):* 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	<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 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<hr/>					
TS 27.007	AT command set for 3G User Equipment (UE)				
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHRISTENSEN, Soren	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-14 15/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-15 04/04/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>	.	
	TP-18 20/12/2002 5 . 2 . 0	get it			
	TP-19 31/03/2003 5 . 3 . 0	get it			
	TP-21 03/10/2003 5 . 4 . 0	get it			
<hr/>					
TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BROOK, Richard	SAMSUNG Electronics Research Institute	
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	
<hr/>					
TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services				
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	NP-14 11/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	GPRS	
	NP-16 24/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>	.	
	NP-17 17/09/2002 5 . 2 . 0	get it			
	NP-18 09/01/2003 5 . 3 . 0	get it			
	NP-20 23/06/2003 5 . 4 . 0	get it			
	NP-21 01/10/2003 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 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:* 5.4.0
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
SP-21 03/10/2003 5 . 4 . 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 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 29.010	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)	5.4.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
	TeliaSonera AB								
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	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			
	NP-20	27/06/2003	5 . 3 . 0			get it			
	Implemented CR	04/07/2003	5 . 3 . 1			get it			
	29.010-090								
	removed								
	NP-21	09/10/2003	5 . 4 . 0			get it			

TS 29.011	Signalling Interworking for Supplementary Services								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	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>	.	

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		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	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>	.	

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		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	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>	.	

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 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

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	
NP-20	03/07/2003	5 . 4 . 0	get it	
NP-21	10/10/2003	5 . 5 . 0	get it	

TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-14	11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
NP-14 editorial	18/01/2002	5 . 0 . 1	get it	<i>remarks - this release:</i> .
NP-15	28/03/2002	5 . 1 . 0	get it	
NP-16	21/06/2002	5 . 2 . 0	get it	
NP-17	18/09/2002	5 . 3 . 0	get it	
NP-18	07/01/2003	5 . 4 . 0	get it	
NP-19	04/04/2003	5 . 5 . 0	get it	
NP-20	27/06/2003	5 . 6 . 0	get it	
NP-21	09/10/2003	5 . 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-5 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)				
Rel-5	<i>current version:</i> 5.7.0	<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?
	NP-16 02/07/2002	5 . 2 . 0	get it		yet. So change freeze date from March 2002 to Sept 2002.
	edito post NP-16 25/07/2002	5 . 2 . 1	get it		
	NP-17 17/09/2002	5 . 3 . 0	get it		
	NP-18 09/01/2003	5 . 4 . 0	get it		
	NP-19 27/03/2003	5 . 5 . 0	get it		
	NP-20 23/06/2003	5 . 6 . 0	get it		
	NP-21 01/10/2003	5 . 7 . 0	get it		
<hr/>					
TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-5	<i>current version:</i> 5.5.0	<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		
	NP-19 25/03/2003	5 . 3 . 0	get it		
	NP-20 25/06/2003	5 . 4 . 0	get it		
	NP-21 29/09/2003	5 . 5 . 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> 5.3.0	<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		
	RP-19 26/03/2003	5 . 3 . 0	get it		

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

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TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* AIKAWA, Shinichiro Fujitsu Limited
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:* New after TSG#5
remarks - this release: .

TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
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:* New after TSG#5
remarks - this release: .

TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, 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:* .
N5-22 04/04/2003 5 . 1 . 1 (Introduction, Reference Titles) [get it](#)
NP-20 18/06/2003 5 . 2 . 0 [get it](#)
NP-21 30/09/2003 5 . 3 . 0 [get it](#)

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, 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:* .
add missing 09/10/2002 5 . 1 . 1 [get it](#)
attachments post
NP-17
NP-19 04/04/2003 5 . 2 . 0 [get it](#)
NP-20 18/06/2003 5 . 3 . 0 [get it](#)
NP-21 30/09/2003 5 . 4 . 0 [get it](#)

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:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-20	18/06/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

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:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-20	18/06/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-20	18/06/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

G = required in systems with GERAN acces; 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; Subpart 3: Multi-party call control data Service Capability Feature (SCF)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release: .</i>
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-20	18/06/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release: .</i>
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-20	18/06/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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>
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-20	18/06/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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>
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-21	30/09/2003	5 . 3 . 0	get it	

G = required in systems with GERAN acces; 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-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-15	27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
NP-16	26/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-17	01/10/2002	5 . 2 . 0	get it	
NP-19	04/04/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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> .
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-20	18/06/2003	5 . 3 . 0	get it	
NP-21	30/09/2003	5 . 4 . 0	get it	

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	05/07/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-21	30/09/2003	5 . 3 . 0	get it	

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	<i>remarks - general:</i>
NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-19	04/04/2003	5 . 2 . 0	get it	
NP-21	30/09/2003	5 . 3 . 0	get it	

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	<i>remarks - general:</i>
draft	22/04/2002	1	0	0		get it	<i>remarks - this release:</i> .
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	
NP-21	30/09/2003	5	2	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:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft	22/04/2002	1	0	0		get it	<i>remarks - general:</i>
NP-16	31/05/2002	2	0	0	NP-020196	get it	<i>remarks - this release:</i> .
NP-16	17/06/2002	5	0	0		get it	
NP-17	01/10/2002	5	1	0		get it	
NP-20	18/06/2003	5	2	0		get it	
NP-21	30/09/2003	5	3	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	<i>remarks - general:</i>
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	

TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf 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	<i>remarks - general:</i>
NP-20	27/06/2003	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 29.207 Policy control over Go interface

Rel-5 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

draft	08/11/2001	0 . 2 . 0		get it	<i>remarks - general:</i> NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".
draft	14/01/2002	0 . 5 . 0		get it	<i>remarks - this release:</i> .
draft	18/02/2002	0 . 6 . 0		get it	
NP-15	19/03/2002	1 . 0 . 0	NP-020078	get it	
draft	18/04/2002	1 . 1 . 0		get it	
NP-16	26/06/2002	2 . 0 . 0	NP-020167 (RFC ref needs cleaning up)	get it	
NP-16	28/06/2002	5 . 0 . 0		get it	
NP-17	19/09/2002	5 . 1 . 0		get it	
NP-18	14/01/2003	5 . 2 . 0		get it	
NP-19	27/03/2003	5 . 3 . 0		get it	
NP-20	25/06/2003	5 . 4 . 0		get it	
NP-21	08/10/2003	5 . 5 . 0		get it	
edito post NP-21	09/10/2003	5 . 5 . 1		get it	

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

Rel-5 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

draft	08/11/2001	0 . 1 . 0		get it	<i>remarks - general:</i>
draft	14/01/2002	0 . 2 . 0		get it	<i>remarks - this release:</i> .
draft	18/02/2002	0 . 3 . 1		get it	
NP-15	19/03/2002	1 . 0 . 0	NP-020079	get it	
draft	18/04/2002	1 . 1 . 0		get it	
NP-16	26/06/2002	2 . 0 . 0	NP-020166	get it	
NP-16	28/06/2002	5 . 0 . 0		get it	
NP-17	18/09/2002	5 . 1 . 0		get it	
NP-18	09/01/2003	5 . 2 . 0		get it	
NP-19	27/03/2003	5 . 3 . 0		get it	
ediotiral post NP-19	09/04/2003	5 . 3 . 1		get it	
NP-20	23/06/2003	5 . 4 . 0		get it	
NP-21	08/10/2003	5 . 5 . 0		get it	
edito post NP-21	09/10/2003	5 . 5 . 1		get it	

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16

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

history (event, available, version, comments):

NP-12	04/07/2001	0 . 1 . 0	NP-010303	get it	<i>remarks - general:</i> Additional rapporteur: Miguel-Angel Pallares-Lopez
N4-08		0 . 2 . 0	N4-010697		<i>remarks - this release:</i> .
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	get it	
draft	28/03/2002	1 . 1 . 0		get it	
NP-16	25/06/2002	2 . 0 . 0	NP-020264	get it	
NP-16	25/06/2002	5 . 0 . 0		get it	
NP-17	17/09/2002	5 . 1 . 0		get it	
NP-18	07/01/2003	5 . 2 . 0		get it	
NP-19	07/04/2003	5 . 3 . 0		get it	
NP-20	27/06/2003	5 . 4 . 0		get it	
NP-21	09/10/2003	5 . 5 . 0		get it	

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16

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

history (event, available, version, comments):

N4-09		0 . 1 . 0	N4-010932		<i>remarks - general:</i> 2nd rapporteur: CZOMA, Balazs.
N4-10		0 . 2 . 0	N4-011064		<i>remarks - this release:</i> .
N4-11		0 . 3 . 0	N4-011296		
N4-11		0 . 4 . 0	N4-011408		
NP-14	02/01/2002	1 . 0 . 0	NP-010628	get it	
draft	28/03/2002	1 . 1 . 0		get it	
NP-16	26/06/2002	2 . 0 . 0	NP-020265	get it	
NP-16	25/06/2002	5 . 0 . 0		get it	
NP-17	18/09/2002	5 . 1 . 0		get it	
NP-18	07/01/2003	5 . 2 . 0		get it	
NP-19	07/04/2003	5 . 3 . 0		get it	
NP-20	27/06/2003	5 . 4 . 0		get it	
NP-21	10/10/2003	5 . 5 . 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-5 *current version:* 5.6.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: NP-15

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

history (event, available, version, 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
NP-19	04/04/2003	5	.	5	.	0
NP-20	27/06/2003	5	.	6	.	0

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

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

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

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

history (event, available, version, 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-19	25/03/2003	5	.	2	.	0

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.

[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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	26/06/2002	2 . 0 . 0	NP-020277	get it	<i>remarks - general:</i> NP-21: Title changed to include Dh interface as well as Sh.
NP-16	25/06/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .
NP-17	18/09/2002	5 . 1 . 0		get it	
NP-18	07/01/2003	5 . 2 . 0		get it	
edito to replace lost annex E post	08/01/2003	5 . 2 . 1		get it	
NP-18					
NP-19	07/04/2003	5 . 3 . 0		get it	
attached XSD file	25/04/2003	5 . 3 . 1		get it	
attached correct XSD file	29/04/2003	5 . 3 . 2	Says WG Secretary: nobody's perfect - except Bo Derek	get it	
NP-20	27/06/2003	5 . 4 . 0		get it	
NP-21	09/10/2003	5 . 5 . 0		get it	

TS 29.329 Sh interface based on the Diameter protocol

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

history (event, available, version, comments):

NP-16	26/06/2002	2 . 0 . 1	NP-020266	get it	<i>remarks - general:</i>
NP-16	25/06/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .
NP-17	17/09/2002	5 . 1 . 0		get it	
NP-18	07/01/2003	5 . 2 . 0		get it	
NP-19	07/04/2003	5 . 3 . 0		get it	
NP-20	27/06/2003	5 . 4 . 0		get it	

TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-15	20/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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G = required in systems with GERAN 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 29.415 Core network Nb interface user plane protocols

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: NP-15 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-15 20/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-19 27/03/2003 5 . 1 . 0 [get it](#) *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 *WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd
freeze_meeting: NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
0 . 0 . 1 2001-03 *remarks - general:* Supersedes 29.203.
NP-12 04/07/2001 0 . 1 . 0 NP-010361 [get it](#) *remarks - this release:* NP-11:creation Supersedes 29.203
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 [get it](#)
NP-14 10/01/2002 5 . 0 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.1 *WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
edito post NP-18 16/12/2002 5 . 0 . 1 minor editorials to change style from TS [get it](#) *remarks - this release:* . latest Release version.
to TR.

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 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 20/06/2002 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 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 1: API to CAP Mapping			
Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version, comments):</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> ABARCA, Chelo MCC: ZOICAS, Adrian	ALCATEL S.A.
get it <i>remarks - general:</i> <i>remarks - this release:</i> .			

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC			
Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-16 <i>history (event, available, version, comments):</i> draft 19/02/2002 0 . 2 . 1 N5-020084 draft 22/04/2002 1 . 0 . 0 NP-16 31/05/2002 2 . 0 . 0 NP-020198 (RFC nos. to be corrected.) NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / - G: U: yes	<i>rapporteur:</i> ABARCA, Chelo MCC: ZOICAS, Adrian	ALCATEL S.A.
get it <i>remarks - general:</i> Evidence for existance unearthed in N5-020143. get it <i>remarks - this release:</i> .Was originally Rel-6, but moved to Rel 5 NP-15. get it get it			

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping			
Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version, comments):</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> ABARCA, Chelo MCC: ZOICAS, Adrian	ALCATEL S.A.
get it <i>remarks - general:</i> <i>remarks - this release:</i> .			

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping			
Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version, comments):</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> ABARCA, Chelo MCC: ZOICAS, Adrian	ALCATEL S.A.
get it <i>remarks - general:</i> <i>remarks - this release:</i> .			

TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP			
Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15 <i>history (event, available, version, comments):</i> NP-16 20/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> N5 / G: U: yes	<i>rapporteur:</i> ABARCA, Chelo MCC: ZOICAS, Adrian	ALCATEL S.A.
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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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:* ABARCA, Chelo ALCATEL S.A.
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

TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-5 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):
NP-19 07/04/2003 5 . 0 . 1 Technically identical to 30.002 v5.0.0. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x
remarks - this release: . series.

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

TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One
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:

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 31.101 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
TP-18 02/01/2003 5 . 1 . 0

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[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:* 5.6.0 *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
TP-16 28/06/2002 5 . 1 . 0
TP-17 25/09/2002 5 . 2 . 0
TP-18 02/01/2003 5 . 3 . 0
TP-19 01/04/2003 5 . 4 . 0
TP-20 23/06/2003 5 . 5 . 0
TP-21 30/09/2003 5 . 6 . 0

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

TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: TP-16 *G: yes U: yes* *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-16 26/06/2002 1 . 0 . 0 TP-020124
TP-16 28/06/2002 5 . 0 . 0
TP-17 25/09/2002 5 . 1 . 0
TP-18 02/01/2003 5 . 2 . 0
TP-19 26/03/2003 5 . 3 . 0
TP-20 23/06/2003 5 . 4 . 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.

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

TS 31.114 Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T3 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-14	02/01/2002	1	.	0	.	0	TP-010248	get it	<i>remarks - general:</i>
TP-15	19/03/2002	1	.	5	.	1	TP-020030	get it	<i>remarks - this release:</i>
TP-15	19/03/2002	2	.	0	.	0	TP-020077	get it	
TP-15	28/03/2002	5	.	0	.	0		get it	
TP-16	19/06/2002	5	.	1	.	0		get it	
TP-17	25/09/2002	5	.	2	.	0		get it	
TP-19	26/03/2003	5	.	3	.	0		get it	

TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

remarks - general: based on R99 core spec; split into 2 parts (this is 2)
remarks - this release: 2003-07-15 (Dietze): It is the intention that a Rel-5 be created - eventually.

TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

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> .
TP-19	26/03/2003	5	.	2	.	0		get it	
TP-21	29/09/2003	5	.	3	.	0		get it	

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:* 5.5.0 *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	<i>remarks - general:</i>
SP-17	18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
SP-18	06/01/2003	5 . 2 . 0	get it	
SP-19	31/03/2003	5 . 3 . 0	get it	
SP-20	18/06/2003	5 . 4 . 0	get it	
SP-21	02/10/2003	5 . 5 . 0	get it	

TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera 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	<i>remarks - general:</i>
SP-17	18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
SP-18	06/01/2003	5 . 2 . 0	get it	
SP-19	31/03/2003	5 . 3 . 0	get it	
SP-21	03/10/2003	5 . 4 . 0	get it	

TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-5 *current version:* 5.1.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-17	18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
edito (layout and references)	07/01/2003	5 . 1 . 1	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 32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> 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 20/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-18 09/01/2003 5 . 2 . 0	get it				
	SP-19 31/03/2003 5 . 3 . 0	get it				
	SP-20 27/06/2003 5 . 4 . 0	get it				

TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> 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				
	SP-19 01/04/2003 5 . 3 . 0	get it				
	SP-20 27/06/2003 5 . 4 . 0	get it				

TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, 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				
	SP-19 01/04/2003 5 . 4 . 0	get it				
	SP-20 27/06/2003 5 . 5 . 0	get it				
	SP-21 02/10/2003 5 . 6 . 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 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
SP-19	02/04/2003	5 . 3 . 0	get it	
SP-20	27/06/2003	5 . 4 . 0	get it	
SP-21	02/10/2003	5 . 5 . 0	get it	

TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
SP-18	09/01/2003	5 . 2 . 0	get it	
SP-19	02/04/2003	5 . 3 . 0	get it	
SP-20	27/06/2003	5 . 4 . 0	get it	

TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
SP-18	09/01/2003	5 . 2 . 0	get it	
SP-19	02/04/2003	5 . 3 . 0	get it	
SP-20	09/06/2003	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 Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.225 Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)
Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / *rapporteur:* TEPPO, Patrik Telefon AB LM Ericsson
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	19/03/2002	1	.	0	.	0	SP-020033	get it	<i>remarks - general:</i>
SP-16	17/06/2002	1	.	5	.	0	SP-020327	get it	<i>remarks - this release:</i> .
draft	19/07/2002	1	.	7	.	0		get it	
SP-17	16/09/2002	2	.	0	.	0	SP-020453	get it	
SP-17	18/09/2002	5	.	0	.	0	"Support of Diameter is mandatory."	get it	
SP-18	06/01/2003	5	.	1	.	0		get it	
SP-19	02/04/2003	5	.	2	.	0		get it	
SP-20	27/06/2003	5	.	3	.	0		get it	

TS 32.235 Telecommunication management; Charging management; Charging data description for application services
Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-17 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-17	18/09/2002	5	.	0	.	0		get it	<i>remarks - general:</i>
SP-18	07/01/2003	5	.	1	.	0		get it	<i>remarks - this release:</i> .
SP-19	02/04/2003	5	.	2	.	0		get it	
SP-20	27/06/2003	5	.	3	.	0		get it	
SP-21	02/10/2003	5	.	4	.	0		get it	

TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-17 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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> .

TS 32.301 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-15 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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> .

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 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-15	G: U: yes	MCC: 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					
	SP-20	27/06/2003	5 . 1 . 0	get it					
<hr/>									
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-15	G: U: yes	MCC: 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					
	SP-19	31/03/2003	5 . 2 . 0	get it					
<hr/>									
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution 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	MCC: 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					
<hr/>									
TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements								
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-15	G: yes U: yes	MCC: ZOICAS, Adrian						
<i>history (event, available, version, comments):</i>									
	SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.112-1			
edito post	SP-18	13/01/2003	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 Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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](#)

TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020458 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#)

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

TS 32.324	Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (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	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> 5.2.0	<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> .
	SP-20	27/06/2003	5 . 2 . 0	get it	
<hr/>					
TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM				
Rel-5	<i>current version:</i> 5.4.0	<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	get it	<i>remarks - general:</i> was 32.104 (pars)
					<i>remarks - this release:</i> .
					WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)
	SP-17	19/09/2002	5 . 1 . 0	get it	
	SP-19	31/03/2003	5 . 2 . 0	get it	
	SP-20	27/06/2003	5 . 3 . 0	get it	
	SP-21	15/10/2003	5 . 4 . 0	get it	
<hr/>					
TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements				
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: 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).
	edito	18/06/2003	5 . 0 . 1	get it	<i>remarks - this release:</i> .
					Title aligned with the 3GPP Database

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ACTIVE specs Rel-5 32 .- series
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TS 32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements			
Rel-5	<i>current version:</i> 5.0.1	<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
	edito	18/06/2003	5 . 0 . 1	get it <i>remarks - this release:</i> .

TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service			
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	27/09/2002	5 . 0 . 0	get it <i>remarks - general:</i> was 32.601-2
	SP-19	31/03/2003	5 . 1 . 0	get it <i>remarks - this release:</i> .

TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (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-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
	SP-19	31/03/2003	5 . 1 . 0	get it <i>remarks - this release:</i> .
	SP-20	27/06/2003	5 . 2 . 0	get it

TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, 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> .

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> .

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ACTIVE specs Rel-5 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-5	<i>current version:</i> 5.1.1	<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> .		
	edito 31/03/2003 5 . 1 . 1	get it			
<hr/>					
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set				
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 32.602-3		
	SP-19 31/03/2003 5 . 1 . 0	get it	<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> 5.2.1	<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> .		
	SP-20 27/06/2003 5 . 1 . 0	get it			
	SP-21 01/10/2003 5 . 2 . 0	get it			
	Adds XML file with reference from document 17/10/2003 5 . 2 . 1	get it			

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ACTIVE specs Rel-5 32 .- series
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> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-17 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.620-2	
	SP-20 27/06/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .	
<hr/>				
TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture			
Rel-5	<i>current version:</i> (CORBA) solution set	5.1.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> 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 32.620-3	
	SP-19 01/04/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .	
<hr/>				
TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol			
Rel-5	<i>current version:</i> (CMIP) solution set	5.1.0	<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	
	SP-21 02/10/2003 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 Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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: format definition</i>	5.1.2	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	BONNEAU, Frédéric			
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting:</i>	SP-15	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	SP-16	17/06/2002	1 . 0 . 0			SP-020298 pars	get it	<i>remarks - general:</i>	
	SP-17	06/09/2002	2 . 0 . 0			SP-020460	get it	<i>remarks - this release:</i>	.
	SP-17	18/09/2002	5 . 0 . 0				get it		
	SP-20	27/06/2003	5 . 1 . 0				get it		
	Editorials & Cosmetics	08/10/2003	5 . 1 . 1				get it		
	Adds XML file with reference from document	17/10/2003	5 . 1 . 2				get it		

TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version: 5.0.0</i>		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PIRT, Trevor	MOTOROLA Ltd		
	<i>freeze_meeting:</i>	SP-16	<i>G:</i>	<i>U: yes</i>	<i>MCC:</i>	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>	.

TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-5	<i>current version: 5.4.0</i>		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PAL, Tapinder	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>	SP-17	<i>G: yes</i>	<i>U: yes</i>	<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 32.621-2
	SP-18	07/01/2003	5 . 1 . 0				get it	<i>remarks - this release:</i>	.
	SP-19	01/04/2003	5 . 2 . 0				get it		
	SP-20	27/06/2003	5 . 3 . 0				get it		
	SP-21	15/10/2003	5 . 4 . 0				get it		

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-5	<i>current version: (CORBA) solution set</i>	5.1.0	<i>WG (prime / other):</i>	S5	<i>/-</i>	<i>rapporteur:</i>	PAL, Tapinder	T-	
	MOBILE DEUTSCHLAND								
	<i>freeze_meeting:</i>	SP-17	<i>G: yes</i>	<i>U: yes</i>	<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 32.621-3
	SP-18	07/01/2003	5 . 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-5 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): Common Management Information Protocol (CMIP)								
Rel-5	<i>current version:</i> solution set	5.0.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i> SP-17		G: yes	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 32.621-4
									<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	5.1.1	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	BONNEAU, Frédéric		
NORTEL NETWORKS (EUROPE)									
	<i>freeze_meeting:</i> SP-16		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> RP-15: existence gleaned from S5 report.
	SP-17	16/09/2002	2	.	0	.	0	get it	<i>remarks - this release:</i> .
	SP-17	18/09/2002	5	.	0	.	0	get it	
	SP-20	27/06/2003	5	.	1	.	0	get it	
	Adds XML file with reference from document	17/10/2003	5	.	1	.	1	get it	
<hr/>									
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> 5.2.0		<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 accept all rev marks	09/01/2003	5	.	1	.	1	get it	
	SP-20	26/06/2003	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 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture							
Rel-5	<i>current version:</i> (CORBA) solution set	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i> SP-17		G:	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 32.622-3		
	SP-20 27/06/2003	5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
<hr/>								
TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)							
Rel-5	<i>current version:</i> solution set	5.2.0	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17		G:	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 32.622-4		
	SP-20 26/06/2003	5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	SP-21 02/10/2003	5 . 2 . 0		get it				
<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	5.2.1	<i>WG (prime / other):</i>	S5	/	<i>rporteur:</i>	BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16		G:	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>			SP-020298 pars
	SP-17 16/09/2002	2 . 0 . 0		get it	<i>remarks - this release:</i>	.		SP-020462
	SP-17 18/09/2002	5 . 0 . 0		get it				
	SP-20 27/06/2003	5 . 1 . 0		get it				
	SP-21 01/10/2003	5 . 2 . 0		get it				
	Adds XML file with reference from document	17/10/2003	5 . 2 . 1	get it				
<hr/>								
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>WG (prime / other):</i>	S5 /-	<i>rporteur:</i>	PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17		G: yes	U:	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 32.623-1		
					<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 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes	<i>U:</i>	<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 32.623-2
edito post	SP-18	09/01/2003	5 . 0 . 1	get it <i>remarks - this release:</i> .
	SP-20	26/06/2003	5 . 1 . 0	get it
	SP-21	01/10/2003	5 . 2 . 0	get it

TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture					
Rel-5	<i>current version:</i> (CORBA) solution set	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
	SP-17	08/10/2002	5 . 0 . 0	get it <i>remarks - general:</i> was 32.623-3		
edito post	SP-18	09/01/2003	5 . 0 . 1	get it <i>remarks - this release:</i> .		
	SP-20	27/06/2003	5 . 1 . 0	get it		
	SP-21	01/10/2003	5 . 2 . 0	get it		

TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)					
Rel-5	<i>current version:</i> solution set	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes	<i>U:</i>	<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 32.623-4		
	SP-20	27/06/2003	5 . 1 . 0	get it <i>remarks - this release:</i> .		
	SP-21	02/10/2003	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 32.655 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5 *current version: format definition* 5.2.1 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric
NORTEL NETWORKS (EUROPE) */ rapporteur:*

freeze_meeting: SP-16 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020463 [get it](#) *remarks - this release:*
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
SP-20 27/06/2003 5 . 1 . 0 [get it](#)
SP-21 01/10/2003 5 . 2 . 0 [get it](#)
Adds XML file with 17/10/2003 5 . 2 . 1 [get it](#)
reference from
document

TS 32.661 Telecommunication management; Configuration Management (CM); Kernel CM requirements
Rel-5 *current version: 5.1.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):
draft 31/01/2002 0 . 1 . 0 [get it](#) *remarks - general:*
SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars [get it](#) *remarks - this release:*
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 *current version: 5.0.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-18 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):
draft 31/01/2002 0 . 1 . 0 [get it](#) *remarks - general:*
SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars [get it](#) *remarks - this release:*
SP-17 16/09/2002 2 . 0 . 0 SP-020465 [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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ACTIVE specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-17 16/09/2002 1 . 0 . 0 SP-020466 [get it](#) *remarks - general:*
SP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17 Oh yes it will!
SP-19 03/04/2003 5 . 1 . 0 [get it](#)

TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-18 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-17 16/09/2002 1 . 0 . 0 SP-020467 [get it](#) *remarks - general:*
SP-18 07/01/2003 2 . 0 . 0 SP-020743 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17: Yes it will!
SP-18 07/01/2003 5 . 0 . 0 [get it](#)

TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf 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:* POLLAKOWSKI, Olaf 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](#)

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 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)
Rel-5	current version: solution set
Motorola Inc.	5.1.0
	WG (prime / other): S5 / -
	rapporteur: RAYMER, David
	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: .
	SP-19 01/04/2003 5 . 1 . 0 get it

TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)
Rel-5	current version: 5.1.0
	WG (prime / other): S5 / -
	rapporteur: POLLAKOWSKI, Olaf 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
	SP-21 02/10/2003 5 . 1 . 0 get it

TS 32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements
Rel-5	current version: 5.0.0
	WG (prime / other): S5 /
	rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-17
	G: yes U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):	
	SP-17 30/08/2002 1 . 0 . 0 SP-020472 get it remarks - general:
	SP-17 18/09/2002 5 . 0 . 0 get it remarks - this release: .

TS 32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	current version: 5.0.0
	WG (prime / other): S5 /
	rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-17
	G: yes U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):	
	SP-17 30/08/2002 1 . 0 . 0 SP-020473 get it remarks - general:
	SP-17 18/09/2002 5 . 0 . 0 get it remarks - this release: .

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

TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-13 01/10/2001 0 . 0 . 2 TP-010213 (!) [get it](#) *remarks - general:*
SP-14 02/01/2002 1 . 0 . 0 SP-010652 (also TP-010283) [get it](#) *remarks - this release:* SP-21: No rapporteur, work stopped.
draft 28/01/2002 1 . 0 . 1 [get it](#)
draft 31/01/2002 1 . 0 . 2 [get it](#)
SP-15 19/03/2002 1 . 0 . 4 SP-020011 [get it](#)
SP-16 17/06/2002 2 . 0 . 0 SP-020331 [get it](#)
SP-16 20/06/2002 5 . 0 . 0 [get it](#)
SP-17 18/09/2002 5 . 1 . 0 [get it](#)

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

TS 33.102 3G security; Security architecture

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
SP-18 18/12/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-20 18/06/2003 5 . 2 . 0 [get it](#)
SP-21 30/09/2003 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 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.106	Lawful interception requirements					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-11 04/04/2001 5 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-17 18/09/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>	
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-12 04/07/2001 5 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-14 07/01/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .	
	SP-15 26/03/2002 5 . 2 . 0			get it		
edito post	SP-15 15/04/2002 5 . 2 . 1	Corrects change history.		get it		
	SP-16 19/06/2002 5 . 3 . 0			get it		
	SP-17 18/09/2002 5 . 4 . 0			get it		
	SP-18 18/12/2002 5 . 5 . 0			get it		
	SP-21 30/09/2003 5 . 6 . 0			get it		
<hr/>						
TS 33.108	3G security; Handover interface for Lawful Interception (LI)					
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i> SP-16		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-15 19/03/2002 1 . 0 . 0	SP-020118		get it	<i>remarks - general:</i> 2001-12-04 Title changed from "Lawful Interception; Interface between core network	
	SP-16 2 . 0 . 0	SP-020357			<i>remarks - this release:</i> . and law agency equipment" (Berthold.Wilhelm@RegTP.de).	
	SP-16 19/06/2002 5 . 0 . 0			get it		
	SP-17 23/09/2002 5 . 1 . 0			get it		
	SP-18 18/12/2002 5 . 2 . 0			get it		
	SP-19 24/03/2003 5 . 3 . 0			get it		
	SP-20 18/06/2003 5 . 4 . 0			get it		
	SP-21 30/09/2003 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 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> 5.7.0		<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				
	SP-19	24/03/2003	5 . 5 . 0	There are two annexes J; this will be corrected after SP-20.	get it				
	SP-20	18/06/2003	5 . 6 . 0		get it				
	SP-21	30/09/2003	5 . 7 . 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 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.210 3G security; Network Domain Security (NDS); IP network layer security

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

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). <i>remarks - this release:</i>
SP-15	19/03/2002	2 . 0 . 0	SP-020117	get it	
SP-15	26/03/2002	5 . 0 . 0		get it	
SP-16	19/06/2002	5 . 1 . 0		get it	
SP-18	18/12/2002	5 . 2 . 0		get it	
SP-19	24/03/2003	5 . 3 . 0		get it	
SP-20	18/06/2003	5 . 4 . 0		get it	
SP-21	30/09/2003	5 . 5 . 0		get it	

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 uploaded for fear of confusion.	<i>remarks - general:</i> <i>remarks - this release:</i> .
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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

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 34.109 Terminal logical test interface; Special conformance testing functions

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-15	19/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	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	<i>remarks - this release:</i>	. Stable, so txfered from T1 to R2.
RP-18	13/01/2003	5	.	2	.	0	get it		
RP-19	25/03/2003	5	.	3	.	0	get it		

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-5 *current version:* 5.1.1 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: TP-20 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-20	17/06/2003	5	.	0	.	0	get it	<i>remarks - general:</i>	
TP-21	10/10/2003	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
CR266 pars	13/10/2003	5	.	1	.	1	get it		

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-5 *current version:* 5.5.0 *WG (prime / other):* T1 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-16	19/06/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
corrects page headers	24/06/2002	5	.	0	.	1	get it	<i>remarks - this release:</i>	.
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		
TP-19	24/03/2003	5	.	3	.	0	get it		
TP-20	17/06/2003	5	.	4	.	0	get it		
TP-21	13/10/2003	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 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:* 5.5.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SULTAN, Alain
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](#)
TP-19 24/03/2003 5 . 3 . 0 [get it](#)
TP-20 17/06/2003 5 . 4 . 0 [get it](#)
TP-21 10/10/2003 5 . 5 . 0 [get it](#)

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, 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](#)
RP-19 04/04/2003 5 . 3 . 0 [get it](#)

TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, 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 access; 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	5.1.0	<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			
	SP-20 18/06/2003 5 . 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-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 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
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: .

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-20 25/06/2003 5 . 4 . 0 Created from 41.103 v5.4.0 [get it](#) *remarks - general:*
remarks - this release: .

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

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A
freeze_meeting: TP-15 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-12 06/07/2001 5 . 0 . 0 [get it](#) *remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: .

TS 42.033 Lawful Interception; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, 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 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-5 *current version:* 5.0.0 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-16 19/07/2002 5 . 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-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
correct title line 22/10/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
post SP-16 edito to 29/07/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
history box

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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ACTIVE specs 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	G: yes U:	MCC:	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>					
	NP-16 04/07/2002 5 . 0 . 0	Note that the doc is really a TR not a TS get it	<i>remarks - general:</i>			
		(cover sheet is wrong)	<i>remarks - this release:</i>	NP-21: Decision not to progress this to Rel-6.		
<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	G: yes U:	MCC:	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 S.p.A.		
	<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>			
			<i>remarks - this release:</i>	.		
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> TP-15	G: yes U:	MCC:	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				
	TP-19 26/03/2003 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 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	G: yes U:	<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> .
<hr/>						
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	G: yes U:	<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> .
<hr/>						
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 S.p.A.		
	<i>freeze_meeting:</i> SP-15	G: yes U:	<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 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<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	
	GP-14 25/04/2003 5 . 9 . 0				get it	
	GP-16 12/09/2003 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 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> 5.2.0	<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>			
	GP-14 25/04/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-16 12/09/2003 5 . 2 . 0	get it				
<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> 5.3.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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				
	remove hidden text 25/04/2003 5 . 3 . 1	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 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-5 *current version:* 5.2.0
freeze_meeting: GP-09
history (event, available, version, comments):

GP-09	06/05/2002	5	.	0	.	0	
GP-14	25/04/2003	5	.	1	.	0	get it <i>remarks - general:</i>
make figs 20 and 25 legible	02/05/2003	5	.	1	.	1	get it <i>remarks - this release:</i> .
GP-16	12/09/2003	5	.	2	.	0	get it

WG (*prime / other*): G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

TS 43.068 Voice Group Call Service (VGCS); Stage 2

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

NP-16	19/06/2002	5	.	0	.	0	
post NP-16 edito	28/06/2002	5	.	0	.	1	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
NP-21	08/10/2003	5	.	3	.	0	get it

WG (*prime / other*): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

TS 43.069 Voice Broadcast service (VBS); Stage 2

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

NP-16	19/06/2002	5	.	0	.	0	
post NP-16 edito	28/06/2002	5	.	0	.	1	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
NP-21	08/10/2003	5	.	3	.	0	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-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version, comments):

SP-16	24/06/2002	5	.	0	.	0	technically identical to 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

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 43.130 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: .

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

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: NP-15 *G: yes U:* *MCC:* Skov JORGENSEN, Per Johan

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

TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 *G: yes U:* *MCC:* Skov 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 44.004 Layer 1 - General Requirements
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-06 15/11/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-07 08/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-09 06/05/2002 5 . 2 . 0 [get it](#)
GP-17 5 . 3 . 0

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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:* 5.2.0
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
GP-15 10/07/2003 5 . 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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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 (RRC) protocol

Rel-5 *current version:* 5.13.0 *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	
GP-14	28/04/2003	5 . 10 . 0	get it	
GP-15	10/07/2003	5 . 11 . 0	get it	
GP-16	12/09/2003	5 . 12 . 0	get it	
GP-17		5 . 13 . 0		

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	

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 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	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			
	GP-16 12/09/2003 5 . 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-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> .		

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 44.060	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> 5.9.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<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	
	GP-14	29/04/2003	5 . 6 . 0	get it	
	GP-15	10/07/2003	5 . 7 . 0	get it	
	GP-16	13/09/2003	5 . 8 . 0	get it	
	GP-17		5 . 9 . 0		

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> .

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)				
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-16	19/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.
	NP-21	10/10/2003	5 . 1 . 0	get it	<i>remarks - this release:</i> .

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	Correct faulty styles / clause numbering	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 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.069 Broadcast Call Control (BCC) protocol

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: NP-15 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter 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 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode

Rel-5 *current version:* 5.7.0 *WG (prime / other):* G2 / - *rapporteur:* VIRTEJ, Iuliana NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-08 20/03/2002 1 . 1 . 0 GP-020289 [get it](#) *remarks - general:*
draft 26/03/2002 1 . 2 . 0 [get it](#) *remarks - this release:* .
GP-08 27/03/2002 1 . 3 . 0 GP-02794 [get it](#)
draft 07/05/2002 1 . 4 . 0 [get it](#)
GP-10 19/07/2002 5 . 0 . 0 [get it](#)
GP-11 19/09/2002 5 . 1 . 0 [get it](#)
GP-12 17/12/2002 5 . 2 . 0 [get it](#)
GP-13 21/02/2003 5 . 3 . 0 [get it](#)
GP-14 28/04/2003 5 . 4 . 0 [get it](#)
GP-15 10/07/2003 5 . 5 . 0 [get it](#)
GP-16 13/09/2003 5 . 6 . 0 [get it](#)
GP-17 5 . 7 . 0

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 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode					
Rel-5	<i>current version:</i> 5.7.0	<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:	MCC:	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	
	GP-14	29/04/2003	5 . 4 . 0		get it	
	GP-15	10/07/2003	5 . 5 . 0		get it	
	GP-16	13/09/2003	5 . 6 . 0		get it	
missed	CR066	30/09/2003	5 . 6 . 1		get it	
	GP-17		5 . 7 . 0			

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:	MCC:	THOMASEN, Gert		
<i>history (event, available, version, comments):</i>						
	GP-06		0 . 4 . 0			<i>remarks - general:</i> 2003-07-03 (JMM): WI UID 23011?. See also 25.901.
	GP-08	04/04/2002	0 . 7 . 0	GP-020220	get it	<i>remarks - this release:</i> .
	GP-08	04/04/2002	1 . 0 . 0	GP-020427	get it	
	GP-08	19/03/2002	2 . 0 . 0	GP-020491	get it	
	GP-08	26/03/2002	5 . 0 . 0		get it	
	GP-09	06/05/2002	5 . 1 . 0		get it	

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

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

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ACTIVE specs 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:* 5.7.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

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

history (event, available, version, comments):

GP-03	15/02/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-09	06/05/2002	5	.	3	.	0
GP-10	19/07/2002	5	.	4	.	0
GP-12	03/01/2003	5	.	5	.	0
GP-14	25/04/2003	5	.	6	.	0
GP-17		5	.	7	.	0

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

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TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 *current version:* 5.11.0

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	15/02/2001	5	.	0	.	0
edito	27/02/2001	5	.	0	.	1
GP-04	20/04/2001	5	.	1	.	0
GP-06	01/10/2001	5	.	2	.	0
GP-07	04/01/2002	5	.	3	.	0
GP-08	19/02/2002	5	.	4	.	0
GP-09	06/05/2002	5	.	5	.	0
GP-10	19/07/2002	5	.	6	.	0
GP-12	03/01/2003	5	.	7	.	0
GP-13	21/02/2003	5	.	8	.	0
GP-14	25/04/2003	5	.	9	.	0
GP-15	11/07/2003	5	.	10	.	0
GP-16	12/09/2003	5	.	11	.	0

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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:* 5.8.0
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
GP-14	25/04/2003	5	.	7	.	0
GP-15	11/07/2003	5	.	8	.	0

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TS 45.004 Modulation

Rel-5 *current version:* 5.1.1
freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-07	04/01/2002	5	.	0	.	0
GP-10	19/07/2002	5	.	1	.	0
Correction of wrong Release number in the front page	26/09/2003	5	.	1	.	1

[get it](#) *remarks - general:*
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TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.9.0
freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
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
GP-14	25/04/2003	5	.	8	.	0
GP-16	12/09/2003	5	.	9	.	0

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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 *current version:* 5.13.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes *U:*

MCC: USAI, Paolino

history (event, available, version, comments):

GP-03		5	.	0	.	0
GP-04	20/04/2001	5	.	1	.	0
GP-05	28/06/2001	5	.	2	.	0
GP-06	01/10/2001	5	.	3	.	0
GP-07	04/01/2002	5	.	4	.	0
GP-08	19/02/2002	5	.	5	.	0
GP-09	06/05/2002	5	.	6	.	0
GP-10	19/07/2002	5	.	7	.	0
GP-11	19/09/2002	5	.	8	.	0
GP-13	21/02/2003	5	.	9	.	0
GP-14	25/04/2003	5	.	10	.	0
GP-15	11/07/2003	5	.	11	.	0
GP-16	12/09/2003	5	.	12	.	0
GP-17		5	.	13	.	0

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remarks - this release:

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TS 45.009 Link adaptation

Rel-5 *current version:* 5.5.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

Skov

G: yes *U:*

MCC: USAI, Paolino

history (event, available, version, comments):

GP-03	06/02/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-08	19/02/2002	5	.	3	.	0
GP-09	06/05/2002	5	.	4	.	0
GP-10	19/07/2002	5	.	5	.	0

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

TS 45.010	Radio subsystem synchronization					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<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>			
	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				
	GP-16 12/09/2003 5 . 3 . 0	get it				
<hr/>						
TR 45.022	Radio link management in hierarchical networks					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND		
	<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 45.050	Background for RF Requirements					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-10	G: yes U:	Skov			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> USAI, Paolino			
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	clean up 19/09/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 45.056	CTS-FP Radio Sub-system					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> GP-10	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> .			

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

G = required in systems with GERAN access; 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 46.001	Full Rate Speech Processing Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
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	<i>G: yes U:</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>	
					<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	<i>G: yes U:</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>	
					<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	<i>G: yes U:</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>	
					<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	<i>G: yes U:</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>	
					<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 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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> .			
<hr/>						
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> .			

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

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	<i>G: yes U:</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>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, 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	<i>G: yes U:</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>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, 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	<i>G: yes U:</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>	
					<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 46.051	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> .
<hr/>						
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> .

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

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> .
<hr/>						
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 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> .

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

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 *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 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-09

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 05/10/2001 5 . 0 . 0
GP-09 06/05/2002 5 . 1 . 0

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

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

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 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Rel-5 *current version:* 5.0.1
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:* .

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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:* 5.11.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 G: yes U: MCC: THOMASEN, Gert
Skov

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
GP-15	10/07/2003	5	.	9	.	0
GP-16	12/09/2003	5	.	10	.	0
GP-17		5	.	11	.	0

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

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
Skov

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:* 5.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 G: yes U: MCC: THOMASEN, Gert
Skov

history (event, available, version, comments):

GP-06	14/09/2001	5	.	0	.	0
GP-07	08/01/2002	5	.	1	.	0
GP-15	10/07/2003	5	.	2	.	0

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

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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> 5.8.0	<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			
	Editorial correction of reference in tables 10.2.1 and 10.2.2	get it			
	GP-15 10/07/2003 5 . 7 . 0	get it			
	GP-17 5 . 8 . 0				
<hr/>					
TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	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			
<hr/>					
TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10	G: yes U:	Skov		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> THOMASEN, Gert		
	GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<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 48.051	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		Skov		
		G: yes U:	MCC:	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 48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	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 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	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 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<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 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	GP-04	04/05/2001	5 . 0 . 0	get it	<i>remarks - general:</i>
	GP-05	18/06/2001	5 . 1 . 0	get it	<i>remarks - this release:</i> .
	GP-06	10/09/2001	5 . 2 . 0	get it	
	GP-07	08/01/2002	5 . 3 . 0	get it	
	GP-08	19/02/2002	5 . 4 . 0	get it	
	GP-09	06/05/2002	5 . 5 . 0	get it	
	GP-10	19/07/2002	5 . 6 . 0	get it	

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Skov		
		G: yes U:	MCC:	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	GP-09	06/05/2002	5 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	GP-10	19/07/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .
	GP-11	19/09/2002	5 . 2 . 0	get it	

TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Skov		
		G: yes U:	MCC:	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	GP-09	06/05/2002	5 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
					<i>remarks - this release:</i> .

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification				
Rel-5	<i>current version:</i> 5.1.0	<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:	MCC:	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> .
	GP-15	10/07/2003	5 . 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-5 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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

TR 49.001 General network interworking scenarios

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

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

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

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

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):
NP-16 19/06/2002 5 . 0 . 0
NP-19 24/03/2003 5 . 1 . 0

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

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-5 *current version:* 5.3.0
freeze_meeting: GP-09

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

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 acces; 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:* 5.6.0 *WG (prime / other):* G3ne / S1 / rapporteur: HU, Shicheng ETSI Secretariat
freeze_meeting: SP-15 NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

GP-11	20/09/2002	5 . 0 . 0	get it	remarks - general:	2001-11-19: G4->G5.
GP-12	20/12/2002	5 . 1 . 0	get it	remarks - this release:	.
GP-13	21/02/2003	5 . 2 . 0	get it		
replacement of	28/02/2003	5 . 2 . 1	get it		
omitted text post					
GP-13					
GP-14	25/04/2003	5 . 3 . 0	get it		
GP-15	22/07/2003	5 . 4 . 0	get it	late availability due to extent of changes plus shortage of MCC manpower	
GP-16	05/09/2003	5 . 5 . 0	get it		
GP-17	28/11/2003	5 . 6 . 0	get it	approved CR1851r1 not implementable	

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* G3ne / S1 / rapporteur: HU, Shicheng ETSI Secretariat
freeze_meeting: GP-11 NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

GP-11	19/09/2002	5 . 0 . 0	get it	remarks - general:	2001-11-19: G4->G5.
GP-12	20/12/2002	5 . 1 . 0	get it	remarks - this release:	.
GP-13	21/02/2003	5 . 2 . 0	get it		
GP-14	25/04/2003	5 . 3 . 0	get it		
GP-15	17/07/2003	5 . 4 . 0	get it	late availability due to extent of changes plus shortage of MCC manpower	
GP-16	05/09/2003	5 . 5 . 0	get it		
GP-17	28/11/2003	5 . 6 . 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 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card
Rel-5 *current version:* 5.0.1 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando Indicate persons who left Company and wait for new
freeze_meeting: TP-20 One
G: yes *U:* *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-20 23/06/2003 5 . 0 . 0 [get it](#) *remarks - general:*
post TP-20 editorial 27/06/2003 5 . 0 . 1 [get it](#) *remarks - this release:* TP-16: WI is TP-020122.
to fix zipped annex
E attachment

TS 51.021 GSM radio aspects base station system equipment specification
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G:* yes *U:* *MCC:* USAI, Paolino
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](#)
GP-15 11/07/2003 5 . 3 . 0 [get it](#)

TS 51.026 GSM Repeater Equipment Specification
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *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):* G1 / 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: .

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

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ACTIVE specs Rel-5 52 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-19 31/03/2003 5 . 0 . 0 technically identical to v4.2.0 [get it](#) *remarks - general:* SP-13: replaces 32.402.
remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

Rel-4

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

TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system
Rel-4 *current version:* 4.9.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-20 25/06/2003 4 . 9 . 0 Created from 21.102 v4.9.0 [get it](#) *remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999
remarks - this release: . Specifications".

TS 21.111 USIM and IC card requirements
Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-17 18/09/2002 4 . 1 . 0 [get it](#) *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5
version. TP-16: decided to upgrade to Rel-5.

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

TS 21.133 3G security; Security threats and requirements

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

history (event, available, version, comments):
SP-11 09/04/2001 4 . 0 . 0
SP-14 07/01/2002 4 . 1 . 0

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
Per
G: U: yes *MCC:* POPE, Maurice

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

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](#)

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:* 4.5.0
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
SP-20 18/06/2003 4 . 5 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Absorbs 01.04.
[get it](#)
[get it](#)
[get it](#)

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

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 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	SP-07 17/03/2000	4 . 0 . 0							
	SP-08 28/06/2000	4 . 1 . 0				get it	<i>remarks - general:</i>	Transfer>TSG#4	
	SP-09 18/10/2000	4 . 2 . 0				get it	<i>remarks - this release:</i>		
	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>freeze_meeting:</i> SP-11								
	<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	History box			get it			
<hr/>									
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<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>freeze_meeting:</i> SP-11								
	<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	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 22.031	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	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-4. -> 22.031.						
<hr/>									
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	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 42.032 Rel-4.						
<hr/>									
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	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-16 04/07/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
<hr/>									
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
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-10 08/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	SP-20 18/06/2003 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 22.041	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> 4.2.1	<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>			
	SP-20 18/06/2003 4 . 2 . 0	get it				
	corect cover date 26/06/2003 4 . 2 . 1	get it				
<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				

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 22.057	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".			
<hr/>									
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>				

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ACTIVE specs Rel-4 22 .- series
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TS 22.071 Location Services (LCS); Stage 1

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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	
SP-21	30/09/2003	4 . 5 . 0		get it	

TS 22.072 Call Deflection (CD); Stage 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* RAUCH, Horst T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-11	02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>
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TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

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>

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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	

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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>			
<hr/>						
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	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 22.082	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	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-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	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 22.084	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	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>			

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

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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	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 22.086	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>

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

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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>
<hr/>						
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 2003-07-21 (Clayton): S1 have decided to <i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced. scrap 02,94 R99 in favour
	SP-15 25/03/2002 4 . 1 . 0				get it	
of a common GSM/UMTS spec, 22.094.						
<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 <i>remarks - this release:</i>
	SP-15 25/03/2002 4 . 1 . 0				get it	

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TS 22.101	Service aspects; Service principles					
Rel-4	<i>current version:</i> 4.8.0					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version, comments):</i>					
	SP-08 28/06/2000 4 . 0 . 0	based on 3.9.0	get it	<i>remarks - general:</i>		
	SP-09 18/10/2000 4 . 1 . 0		get it	<i>remarks - this release:</i>	based on 3.9.0	
	SP-10 08/01/2001 4 . 2 . 0		get it			
	SP-11 02/04/2001 4 . 3 . 0		get it			
	SP-12 27/06/2001 4 . 4 . 0		get it			
spelling 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			
	SP-20 18/06/2003 4 . 7 . 0		get it			
	SP-21 30/09/2003 4 . 8 . 0		get it			

TS 22.105	Services and service capabilities					
Rel-4	<i>current version:</i> 4.3.0					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version, 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>freeze_meeting:</i> SP-11					
	<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>		

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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](#)

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TS 23.002	Network architecture					
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
	SP-10 21/12/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 06/04/2001 4 . 2 . 0	get it				
	SP-12 29/06/2001 4 . 3 . 0	get it				
	SP-14 07/01/2002 4 . 4 . 0	get it				
	SP-17 24/09/2002 4 . 5 . 0	get it				
	SP-18 10/01/2003 4 . 6 . 0	get it				
	SP-19 27/03/2003 4 . 7 . 0	get it				
	SP-20 20/06/2003 4 . 8 . 0	get it				

TS 23.003	Numbering, Addressing and Identification					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, 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				
	NP-20 27/06/2003 4 . 6 . 0	get it				
	NP-21 09/10/2003 4 . 7 . 0	get it				

TS 23.007	Restoration procedures					
Rel-4	<i>current version:</i> 4.1.1	<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>			
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				

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

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TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.3.0
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
NP-20 27/06/2003 4 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 23.009 Handover procedures

Rel-4 *current version:* 4.8.0
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
NP-19 24/03/2003 4 . 7 . 0
NP-20 27/06/2003 4 . 8 . 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](#)
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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:

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 23.014 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 realization 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:* 4.7.0
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
NP-19 04/04/2003 4 . 7 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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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 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>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 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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i> SP-11 11/04/2001 4 . 0 . 0 SP-18 07/01/2003 4 . 1 . 0		get it	<i>remarks - general:</i> S2 responsibility?		
	edito post SP-18 to correct figures 10/01/2003 4 . 1 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>			
		<i>G:</i> yes <i>U:</i> 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>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 4 . 0 . 0 SP-17 18/09/2002 4 . 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> 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 Research In Motion 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 <i>remarks - general:</i>
TP-10	03/01/2001	4	.	1	.	0	get it <i>remarks - this release:</i> based on 3.3.0
TP-11	29/03/2001	4	.	2	.	0	get it
TP-13	03/10/2001	4	.	3	.	0	get it
TP-14	11/01/2002	4	.	4	.	0	get it

TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-11	02/04/2001	4	.	0	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i>
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TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-08	23/06/2000	4	.	0	.	0	get it <i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.
TP-09	11/10/2000	4	.	1	.	0	get it <i>remarks - this release:</i>
TP-11	29/03/2001	4	.	2	.	0	get it
TP-12	02/07/2001	4	.	3	.	0	get it
TP-13	03/10/2001	4	.	4	.	0	get it
TP-14	11/01/2002	4	.	5	.	0	get it
TP-15	21/03/2002	4	.	6	.	0	get it
TP-16	25/06/2002	4	.	7	.	0	get it
TP-20	26/06/2003	4	.	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-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4
TP-12	04/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
TP-14	11/01/2002	4 . 2 . 0	get it	
TP-16	02/07/2002	4 . 3 . 0	get it	
TP-19	24/03/2003	4 . 4 . 0	get it	

TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
include test vector file	17/10/2001	4 . 0 . 1	get it	<i>remarks - this release:</i>

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-12 *G: yes U: yes* *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-12	06/07/2001	4 . 0 . 0	get it	<i>remarks - general:</i> TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13	12/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> .
TP-14	17/01/2002	4 . 2 . 0	get it	
TP-15	28/03/2002	4 . 3 . 0	get it	
TP-19	26/03/2003	4 . 4 . 0	get it	

TS 23.053 Tandem Free Operation (TFO); Service description; Stage 2

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-05	13/10/1999	0 . 0 . 0	get it	<i>remarks - general:</i> No draft.
SP-11	29/03/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>
edito	01/10/2001	4 . 0 . 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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-10	22/12/2000	4 . 0 . 0	get it	<i>remarks - general:</i> Apr-2001: " Station Application" removed from title.
TP-11	11/04/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
TP-12	05/07/2001	4 . 2 . 0	get it	
TP-13	05/10/2001	4 . 3 . 0	get it	
include fig 5	18/10/2001	4 . 3 . 1	get it	
TP-14	16/01/2002	4 . 4 . 0	get it	
TP-15	25/03/2002	4 . 5 . 0	get it	

TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, 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		
SP-15	05/04/2002	4 . 4 . 0	get it	
SP-16	17/06/2002	4 . 5 . 0	get it	
SP-17	02/10/2002	4 . 6 . 0	get it	
SP-18	10/01/2003	4 . 7 . 0	get it	
SP-20	20/06/2003	4 . 8 . 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>

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-10 21/12/2000 4 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-12 27/06/2001 4 . 1 . 0		get it	<i>remarks - this release:</i>		
	corrects references 24/06/2002 4 . 1 . 1		get it			
<hr/>						
TS 23.072	Call Deflection Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, 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 23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-11 02/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
	NP-12 29/06/2001 4 . 1 . 0		get it	<i>remarks - this release:</i> Phase 3.		
	NP-13 03/10/2001 4 . 2 . 0		get it			
	NP-14 04/01/2002 4 . 3 . 0		get it			
	NP-15 19/03/2002 4 . 4 . 0		get it			
	NP-16 17/06/2002 4 . 5 . 0		get it			
	post NP-16 edito 19/06/2002 4 . 5 . 1		get it			
	NP-17 17/09/2002 4 . 6 . 0		get it			
	editorial correction 14/11/2002 4 . 6 . 1	minor correction, no need for SDO publication	get it			
	to cover page					
	NP-18 18/12/2002 4 . 7 . 0		get it			
	NP-19 25/03/2003 4 . 8 . 0		get it			
	NP-20 23/06/2003 4 . 9 . 0		get it			
	NP-21 29/09/2003 4 . 10 . 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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 21/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 4 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	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-17 17/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	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>			
	NP-13 03/10/2001 4 . 2 . 0	get it				
	NP-16 21/06/2002 4 . 3 . 0	get it				
<hr/>						
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-09 26/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-11 30/03/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	inclusion of missed CR	get it				
	NP-14 10/01/2002 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 23.084 MultiParty (MPY) Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 30/03/2001 4 . 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 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

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:* 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-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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>
<hr/>						
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>

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 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, 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>		
<hr/>					
TS 23.107	Quality of Service (QoS) concept and architecture				
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, 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	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> This is clause 7 from 04.08 ex R98.		
	post NP-16 28/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i> 2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.		

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.110	UMTS Access Stratum Services and Functions				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, 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	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> New after TSG#5		
	NP-12 27/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-14 10/01/2002 4 . 2 . 0	get it			
<hr/>					
TS 23.119	Gateway Location Register (GLR); Stage2				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, 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>		
<hr/>					
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-12 05/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-17 17/09/2002 4 . 2 . 0	get it			
	NP-18 18/12/2002 4 . 3 . 0	get it			
	NP-21 10/10/2003 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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA
freeze_meeting: SP-11 *G:* U: yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-09 06/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.
SP-11 06/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-12 29/06/2001 4 . 2 . 0 [get it](#)
SP-15 05/04/2002 4 . 3 . 0 [get it](#)

TS 23.135 Multicall supplementary service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-09 25/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-09 06/10/2000 4 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
TP-10 21/12/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-12 03/07/2001 4 . 3 . 0 [get it](#)
TP-13 05/10/2001 4 . 4 . 0 [get it](#)
TP-14 11/01/2002 4 . 5 . 0 [get it](#)
TP-15 21/03/2002 4 . 6 . 0 [get it](#)
TP-16 25/06/2002 4 . 7 . 0 [get it](#)
TP-17 23/09/2002 4 . 8 . 0 [get it](#)
TP-19 31/03/2003 4 . 9 . 0 [get it](#)
TP-20 24/06/2003 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 Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.146 Technical realization 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	get it <i>remarks - general:</i>
NP-07	17/03/2000	1	.	1	.	0	get it <i>remarks - this release:</i> New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available!"
N3-10	25/05/2000	2	.	0	.	0	get it
NP-08	23/06/2000	4	.	0	.	0	get it
NP-09	12/10/2000	4	.	1	.	0	get it

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.9.0 *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	get it <i>remarks - this release:</i> argument in SA over r99 or r00] concl: not approved
NP-10		2	.	3	.	0	NP-000653
NP-10	09/01/2001	4	.	0	.	0	get it
NP-11	04/04/2001	4	.	1	.	0	get it
NP-12	27/06/2001	4	.	2	.	0	get it
NP-13	03/10/2001	4	.	3	.	0	get it
NP-14	10/01/2002	4	.	4	.	0	get it
NP-17	18/09/2002	4	.	5	.	0	get it
NP-18	09/01/2003	4	.	6	.	0	get it
NP-19	04/04/2003	4	.	7	.	0	get it
NP-20	27/06/2003	4	.	8	.	0	get it
NP-21	09/10/2003	4	.	9	.	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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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	
NP-20	27/06/2003	4	.	7	.	0		get it	

TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	SP-000595	get it	<i>remarks - this release:</i>
draft	01/02/2001	1	.	1	.	0		get it	
SP-11	06/04/2001	4	.	0	.	0		get it	
SP-12	02/07/2001	4	.	1	.	0		get it	
SP-16	18/06/2002	4	.	2	.	0		get it	

TS 23.227 Application and user interaction in the UE; Principles and specific requirements

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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	

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 23.271 Location Services (LCS); Functional description; Stage 2

Rel-4 *current version:* 4.10.0

freeze_meeting: SP-11

WG (prime / other): S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation

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

history (event, available, version, comments):

draft 10/07/2000 0 . 1 . 0

draft 14/09/2000 0 . 2 . 0

SP-09 09/11/2000 1 . 0 . 0

draft 22/11/2000 1 . 1 . 0

SP-10 2 . 0 . 0 SP-000596

SP-10 27/02/2001 4 . 0 . 0

SP-11 11/04/2001 4 . 1 . 0

SP-12 02/07/2001 4 . 2 . 0

SP-13 15/10/2001 4 . 3 . 0

SP-14 07/01/2002 4 . 4 . 0

SP-15 29/03/2002 4 . 5 . 0

SP-16 18/06/2002 4 . 6 . 0

SP-17 24/09/2002 4 . 7 . 0

SP-18 09/01/2003 4 . 8 . 0

SP-20 23/06/2003 4 . 9 . 0

SP-21 02/10/2003 4 . 10 . 0

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remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

remarks - this release: post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

TR 23.873 Feasibility study fro transport and control separation in the PS CN domain

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

WG (prime / other): S2 / - *rapporteur:* IBANEZ, Juan-Antonio Telefon AB LM Ericsson

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

history (event, available, version, comments):

draft 12/09/2000 0 . 2 . 0

draft 08/11/2000 0 . 3 . 0

draft 20/11/2000 0 . 4 . 0

SP-10 31/01/2001 1 . 0 . 0

draft 30/12/2000 1 . 1 . 0

SP-11 11/04/2001 4 . 0 . 0

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remarks - general:

remarks - this release:

TR 23.908 Technical report on Pre-Paging

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

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

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:	Chalmers 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 23.910	Circuit switched data bearer services				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC:	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			
	NP-19 27/03/2003 4 . 7 . 0	get it			
	NP-21 01/10/2003 4 . 8 . 0	get it			
<hr/>					
TR 23.911	Technical report on Out-of-band transcoder control				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	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>		
<hr/>					
TR 23.912	Technical report on Super-Charger				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC:	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>		

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

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:* 4.1.1
freeze_meeting: SP-11

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

history (event, available, version, comments):
NP-11 06/04/2001 4 . 0 . 0
NP-19 24/03/2003 4 . 1 . 0
correction of typo on cover page 02/06/2003 4 . 1 . 1

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

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, 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

[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.

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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:* 4.12.0 *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>
NP-10	03/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
edito	09/01/2001	4 . 1 . 1	get it	
NP-11	06/04/2001	4 . 2 . 0	get it	
edito	06/07/2001	4 . 2 . 1	get it	replaces missing section of table
NP-12	13/07/2001	4 . 3 . 0	get it	
NP-13	04/10/2001	4 . 4 . 0	get it	
NP-14	09/01/2002	4 . 5 . 0	get it	
NP-15	21/03/2002	4 . 6 . 0	get it	
NP-16	24/06/2002	4 . 7 . 0	get it	
NP-17	17/09/2002	4 . 8 . 0	get it	
NP-18	18/12/2002	4 . 9 . 0	get it	
NP-19	24/03/2003	4 . 10 . 0	get it	
NP-20	27/06/2003	4 . 11 . 0	get it	
NP-21	10/10/2003	4 . 12 . 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
Skov

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
Skov

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 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 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	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".			
	NP-20 23/06/2003 4 . 1 . 0	get it	<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> 4.3.1	<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>	
	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		
	editorial 09/10/2003 4 . 3 . 1			get it		

TS 24.081	Line Identification Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, 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>	

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>	

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>	

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 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 24.085	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 User Equipment (UE) radio transmission and reception (FDD)

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
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	14/01/2002	4 . 3 . 0	get it	
RP-15	29/03/2002	4 . 4 . 0	get it	
RP-16	01/07/2002	4 . 5 . 0	get it	
RP-18	10/01/2003	4 . 6 . 0	get it	
RP-19	04/04/2003	4 . 7 . 0	get it	
RP-20	27/06/2003	4 . 8 . 0	get it	
RP-21	10/10/2003	4 . 9 . 0	get it	

TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG
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	14/01/2002	4 . 3 . 0	get it	
RP-15	29/03/2002	4 . 4 . 0	get it	
RP-16	01/07/2002	4 . 5 . 0	get it	
RP-17	02/10/2002	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.

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104 Base Station (BS) radio transmission and reception (FDD)

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

WG (prime / other): R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.105 UTRA (BS) 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	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-18	10/01/2003	4	.	6	.	0
RP-19	04/04/2003	4	.	7	.	0

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](#)

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

TS 25.106 UTRA repeater radio transmission and reception

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11

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

history (event, available, version, 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-000596
RP-11	10/04/2001	4	.	0	.	0	
RP-13	10/10/2001	4	.	1	.	0	
RP-16	01/07/2002	4	.	2	.	0	
RP-17	02/10/2002	4	.	3	.	0	
RP-18	10/01/2003	4	.	4	.	0	
RP-19	04/04/2003	4	.	5	.	0	
RP-20	27/06/2003	4	.	6	.	0	

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

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11

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

history (event, available, version, 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	

[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:* 4.10.0 *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	
RP-19	04/04/2003	4 . 8 . 0	get it	
RP-20	01/07/2003	4 . 9 . 0	get it	
RP-21	10/10/2003	4 . 10 . 0	get it	

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

Rel-4 *current version:* 4.10.0 *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	
RP-19	04/04/2003	4 . 8 . 0	get it	
RP-20	01/07/2003	4 . 9 . 0	get it	
RP-21	10/10/2003	4 . 10 . 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

TS 25.141 Base Station (BS) conformance testing (FDD)

Rel-4 *current version:* 4.8.0

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	16/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19	04/04/2003	4	.	8	.	0

WG (prime / other): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-4 *current version:* 4.8.0

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	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19	04/04/2003	4	.	8	.	0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[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 25.143 UTRA repeater conformance testing

Rel-4 *current version:* 4.8.0

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-000671
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-19	04/04/2003	4	.	7	.	0	
RP-20	27/06/2003	4	.	8	.	0	

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* Was to have been 25.107. But never was.
[get it](#)
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[get it](#)
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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](#)

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* WILDE, Andreas NEC EUROPE 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	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[get it](#)
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[get it](#)
[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 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited

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

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

TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG

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-14 09/01/2002 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 25.214 Physical layer procedures (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-19 04/04/2003 4 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
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G = required in systems with GERAN 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 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.7.0

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
RP-20	27/06/2003	4	.	7	.	0

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

[get it](#)

[get it](#)

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[get it](#)

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

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

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:*

[get it](#)

[get it](#)

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[get it](#)

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TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co, Ltd

G: *U:* yes *MCC:* SASAKI, Tsukasa

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

[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 25.223 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](#)
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[get it](#)

TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.9.0
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
RP-19 04/04/2003 4 . 8 . 0
RP-21 29/09/2003 4 . 9 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version, 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
RP-20 27/06/2003 4 . 7 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version, 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-14 04/01/2002 4 . 2 . 0 [get it](#)
RP-16 17/06/2002 4 . 3 . 0 [get it](#)
RP-17 18/09/2002 4 . 4 . 0 [get it](#)

TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 18/09/2002 4 . 6 . 0 [get it](#)
RP-18 20/12/2002 4 . 7 . 0 [get it](#)
RP-21 02/10/2003 4 . 8 . 0 [get it](#)

TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version, 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](#)

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 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	27/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	02/10/2001	4 . 2 . 0	get it	
RP-14	04/01/2002	4 . 3 . 0	get it	
RP-15	19/03/2002	4 . 4 . 0	get it	
RP-16	17/06/2002	4 . 5 . 0	get it	
RP-18	08/01/2003	4 . 6 . 0	get it	
RP-20	25/06/2003	4 . 7 . 0	get it	

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 *current version:* 4.6.0 *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	<i>remarks - general:</i> Created from 25.923
RP-12	19/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-14	04/01/2002	4 . 2 . 0	get it	
RP-15	19/03/2002	4 . 3 . 0	get it	
RP-19	25/03/2003	4 . 4 . 0	get it	
RP-20	20/06/2003	4 . 5 . 0	get it	
RP-21	02/10/2003	4 . 6 . 0	get it	

TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.8.0 *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	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-12	19/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	02/10/2001	4 . 2 . 0	get it	
RP-14	04/01/2002	4 . 3 . 0	get it	
RP-15	19/03/2002	4 . 4 . 0	get it	
RP-16	17/06/2002	4 . 5 . 0	get it	
RP-18	08/01/2003	4 . 6 . 0	get it	
RP-20	20/06/2003	4 . 7 . 0	get it	
RP-21	02/10/2003	4 . 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-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-13 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-13 02/10/2001 4 . 0 . 0 [get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements,
RP-14 04/01/2002 4 . 1 . 0 [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:* 4.9.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas 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 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 18/09/2002 4 . 6 . 0 [get it](#)
RP-18 08/01/2003 4 . 7 . 0 [get it](#)
RP-19 25/03/2003 4 . 8 . 0 [get it](#)
RP-21 02/10/2003 4 . 9 . 0 [get it](#)

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, 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 03/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 19/09/2002 4 . 6 . 0 [get it](#)
RP-18 10/01/2003 4 . 7 . 0 [get it](#)
RP-19 25/03/2003 4 . 8 . 0 [get it](#)
RP-20 20/06/2003 4 . 9 . 0 [get it](#)
RP-21 02/10/2003 4 . 10 . 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 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0

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

WG (prime / other): R2 / - *rapporteur:* HANS, Martin SIEMENS AG

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

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

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
RP-19	25/03/2003	4	.	3	.	0

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH

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

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

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

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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	<i>current version:</i> 4.11.0	WG (prime / other):	R2 / -	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
<i>history (event, available, version, comments):</i>						
	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	get it	Do not use this version: contains wrong ASN.1	
Misimplemented	RP-17 CR	23/09/2002	4 . 7 . 0	get it	v4.6.0 omitted ASN.1 in error	
	RP-18	03/02/2003	4 . 8 . 0	get it		
	RP-19	27/03/2003	4 . 9 . 0	get it		
	RP-20	25/06/2003	4 . 10 . 0	get it		
	RP-21	02/10/2003	4 . 11 . 0	get it		

TS 25.401 UTRAN overall description

Rel-4	<i>current version:</i> 4.6.0	WG (prime / other):	R3 / -	<i>rapporteur:</i>	GODIN, Philippe	NORTEL NETWORKS (EUROPE)
	<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-15	02/04/2002	4 . 3 . 0	get it		
	RP-16	28/06/2002	4 . 4 . 0	get it		
	RP-17	30/09/2002	4 . 5 . 0	get it		
	RP-18	03/01/2003	4 . 6 . 0	get it		

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

WG (*prime / other*): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: U: yes *MCC:* KRAUSE, Joern

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-4 *current version:* 4.5.0
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-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	

WG (*prime / other*): R3 / - *rapporteur:* IYER, Subramanian S. MOTOROLA A/S
G: U: yes *MCC:* KRAUSE, Joern

TS 25.411 UTRAN Iu interface layer 1

Rel-4 *current version:* 4.1.0
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	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>

WG (*prime / other*): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: U: yes *MCC:* KRAUSE, Joern

TS 25.412 UTRAN Iu interface signalling transport

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version, comments):

RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-17	30/09/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>

WG (*prime / other*): R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation
G: U: yes *MCC:* KRAUSE, Joern

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 Radio Access Network Application Part (RANAP) signalling

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R3 / - *rapporteur:* GUYOT, Olivier 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
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
RP-19	26/03/2003	4 . 8 . 0
RP-20	17/06/2003	4 . 9 . 0
RP-21	30/09/2003	4 . 10 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
freeze_meeting: SP-11 *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
RP-19	26/03/2003	4 . 6 . 0

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

G = required in systems with GERAN 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 25.415 UTRAN Iu interface user plane protocols

Rel-4 *current version:* 4.7.0
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	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4 . 2 . 0	get it	
RP-14	14/01/2002	4 . 3 . 0	get it	
RP-15	25/03/2002	4 . 4 . 0	get it	
RP-16	28/06/2002	4 . 5 . 0	get it	
RP-17	30/09/2002	4 . 6 . 0	get it	
RP-18	03/01/2003	4 . 7 . 0	get it	

WG (*prime / other*): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: U: yes *MCC:* KRAUSE, Joern

TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4 *current version:* 4.9.0
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	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	12/10/2001	4 . 2 . 0	get it	
RP-14	11/01/2002	4 . 3 . 0	get it	
RP-15	25/03/2002	4 . 4 . 0	get it	
RP-16	28/06/2002	4 . 5 . 0	get it	
correct vers no. shown on doc	06/08/2002	4 . 5 . 1	get it	
RP-17	03/10/2002	4 . 6 . 0	get it	
RP-19	26/03/2003	4 . 7 . 0	get it	
RP-20	17/06/2003	4 . 8 . 0	get it	
RP-21	30/09/2003	4 . 9 . 0	get it	

WG (*prime / other*): R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
G: U: yes *MCC:* KRAUSE, Joern

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version, comments):

RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-14	11/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-15	02/04/2002	4 . 2 . 0	get it	

WG (*prime / other*): R3 / - *rapporteur:* MIAH, Babul Lucent Technologies Network Systems UK
G: U: yes *MCC:* KRAUSE, Joern

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 25.421	UTRAN Iur interface Layer 1						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter		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> MIAH, Babul		Lucent Technologies Network Systems UK	
	<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/>							
TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling						
Rel-4	<i>current version:</i> 4.10.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ERICSSON, Ingela		Telefon AB LM Ericsson	
	<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 02/04/2002 4 . 4 . 0			get it			
	RP-16 05/07/2002 4 . 5 . 0			get it			
	RP-17 11/10/2002 4 . 6 . 0			get it			
	RP-18 03/01/2003 4 . 7 . 0			get it			
	RP-19 31/03/2003 4 . 8 . 0			get it			
	RP-20 17/06/2003 4 . 9 . 0			get it			
	RP-21 30/09/2003 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 Rel-4 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						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version, 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			
	RP-16 28/06/2002	4 . 3 . 0		get it			

TS 25.425	UTRAN lur interface user plane protocols for CCH data streams						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>						
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-13 12/10/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	RP-14 11/01/2002	4 . 2 . 0		get it			
	RP-15 02/04/2002	4 . 3 . 0		get it			

TS 25.426	UTRAN lur and lub interface data transport & transport signalling for DCH data streams						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	KEKKI, Sami	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version, 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			
	RP-16 28/06/2002	4 . 3 . 0		get it			
	RP-17 03/10/2002	4 . 4 . 0		get it			

TS 25.427	UTRAN lur and lub interface user plane protocols for DCH data streams						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	HAKULI, Tuomas	NOKIA Corporation	
	<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-18 03/01/2003	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 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.430 UTRAN lub Interface: General Aspects and Principles

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version, 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-16 28/06/2002 4 . 3 . 0
RP-17 03/10/2002 4 . 4 . 0

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

TS 25.431 UTRAN lub interface Layer 1

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-11 06/04/2001 4 . 0 . 0

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

TS 25.432 UTRAN lub interface: signalling transport

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-11 06/04/2001 4 . 0 . 0

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

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 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.10.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* SEHEDIC, Yann

NORTEL NETWORKS (EUROPE)

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
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
RP-19	31/03/2003	4	.	8	.	0
RP-20	17/06/2003	4	.	9	.	0
RP-21	30/09/2003	4	.	10	.	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

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* LAVASANI, Shahab

TeliaSonera 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-14	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0

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

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* STOJANOVSKI, Saso

NORTEL NETWORKS (EUROPE)

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-17	03/10/2002	4	.	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 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 25.442	UTRAN implementation-specific O&M transport				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAUSER, Alexander	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>	get it	<i>remarks - general:</i>		
	RP-11 06/04/2001 4 . 0 . 0		<i>remarks - this release:</i>		
<hr/>					
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>	get it	<i>remarks - general:</i>		
	RP-11 06/04/2001 4 . 0 . 0		<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>					
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	China Academy of Telecommunications Technology	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	Start of work 01/07/2000 0 . 0 . 0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.		
	draft 15/07/2000 0 . 0 . 1	get it			
	draft 01/08/2000 0 . 1 . 0	get it			
	RP-09 01/10/2000 1 . 0 . 0	get it			
	RP-10 20/12/2000 4 . 0 . 0	get it			
	RP-11 27/03/2001 4 . 1 . 0	get it			
<hr/>					
TR 25.836	Node B synchronization for TDD				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> OESTREICH, Stefan	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>	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 05/04/2001 4 . 1 . 0				

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 25.838	Node B Synchronisation for TDD (lub/lur aspects)								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> LENHART, Johannes	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>								
	draft 15/07/2000	0	. 0	. 1	get it	<i>remarks - general:</i>			
	RP-09 21/09/2000	0	. 1	. 0	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			
	RP-10 21/12/2000	0	. 1	. 1	get it				
	RP-11 06/04/2001	4	. 0	. 0	get it				
	RP-14 11/01/2002	4	. 1	. 0	get it				
<hr/>									
TR 25.840	Terminal power saving features								
Rel-4	<i>current version:</i> 2.3.0	DRAFT			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> SASAKI, Tsukasa	Fujitsu Networks Europe Ltd.		
	<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	2	. 0	. 0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. 2003-11-28: WG Chairman indicates that the doc is contentious, and cannot easily be brought under change control.			
	RP-11 05/04/2001	2	. 3	. 0	get it				
<hr/>									
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 25.843	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	China Academy of Telecommunications Technology		
	<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.			

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 25.844	Radio access 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	G: U: yes	MCC: ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-10 20/12/2000 1 . 0 . 0		get it	<i>remarks - general:</i>		RP-000560
	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			

TR 25.847	UE positioning enhancements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> BECKMANN, Mark	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	draft 10/11/2000 0 . 1 . 0		get it	<i>remarks - general:</i>		
	RP-10 20/12/2000 1 . 0 . 0		get it	<i>remarks - this release:</i>	RP-15: Not to be promoted to Rel-5.	
	RP-11 27/03/2001 4 . 0 . 0		get it			

TR 25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> SP-10	G: U: yes	MCC: SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 05/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	RP-15: Not to be promoted to Rel-5.	

TR 25.849	DSCH power control improvement in soft handover					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> WOONHEE, Hwang	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: 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.	

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.850 UE positioning in UTRAN lub/lur protocol aspects

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R3 / - *rapporteur:* HAUTALA, Jari NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
RP-10 21/12/2000 0 . 0 . 2 RP-000658 [get it](#) *remarks - general:*
draft 21/12/2000 0 . 1 . 0 [get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
RP-11 06/04/2001 4 . 0 . 0 [get it](#)
RP-12 06/07/2001 4 . 1 . 0 [get it](#)
RP-13 12/10/2001 4 . 2 . 0 [get it](#)
RP-14 11/01/2002 4 . 3 . 0 [get it](#)

TR 25.851 RAB Quality of Service (QoS) Renegotiation over lu

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R3 / *rapporteur:* IRWIN, Sania MOTOROLA GmbH
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
RP-10 21/12/2000 0 . 0 . 2 RP-000660 [get it](#) *remarks - general:*
RP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

TR 25.853 Delay budget within the access stratum

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R3 / - *rapporteur:* VON BRANDT, Armin SIEMENS AG
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
RP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Was 25.932. Approved and renumbered at TSG#10.
remarks - this release: RP-15: No upgrade to Rel-5.

TR 25.921 Guidelines and principles for protocol description and error handling

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, 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-18 13/01/2003 4 . 5 . 0 [get it](#)
RP-21 02/10/2003 4 . 6 . 0 [get it](#)

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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 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.

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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-000646

RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki Vodafone K.K.

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 SAMSUNG Electronics Research Institute

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](#)

[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.

[get it](#)

[get it](#)

[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 Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.937	UTRAN TDD low chiprate					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> XU, Bing	HuaWei Technologies Co., Ltd	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	draft 01/08/2000	0 . 0 . 0		get it	<i>remarks - general:</i>	
	draft 15/08/2000	0 . 0 . 1		get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.	
	R3-15 30/08/2000	0 . 1 . 0		get it		
	RP-10 21/12/2000	0 . 3 . 1	RP-000686	get it		
	RP-11 06/04/2001	4 . 0 . 0		get it		
	RP-13 12/10/2001	4 . 1 . 0		get it		
<hr/>						
TR 25.942	RF system scenarios					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V	
	<i>freeze_meeting:</i> SP-12		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	RP-11 10/10/2001	4 . 0 . 0	expected post RP-12	get it	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.	
	RP-14 14/01/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	RP-16 03/07/2002	4 . 2 . 0		get it		
<hr/>						
TR 25.943	Deployment aspects					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> RP-12		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	R4-09	0 . 0 . 1			<i>remarks - general:</i>	
	R4-11	0 . 1 . 0			<i>remarks - this release:</i>	
	RP-08 23/06/2000	2 . 0 . 0		get it		
	RP-12	2 . 1 . 0	RP-010437	get it		
	RP-12 29/06/2001	4 . 0 . 0		get it		
	RP-14 16/01/2002	4 . 1 . 0		get it		
	RP-16 03/07/2002	4 . 2 . 0		get it		
<hr/>						
TR 25.944	Channel coding and multiplexing examples					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Created Jan 2000 (aka R1.04)	
	edito 10/04/2001	4 . 0 . 1		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
	RP-12 28/06/2001	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 25.954 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 Vodafone K.K.
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 Back creation from Rel-6 version

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 suppresser application to the Adaptive Multi-Rate (AMR) speech encoder					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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 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	Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-19 04/04/2003 4 . 1 . 0				get it 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> 4.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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				
	SP-19 04/04/2003 4 . 4 . 0	get it				
	SP-20 25/06/2003 4 . 5 . 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 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 26.115	Echo control for speech and multi-media services					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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 streaming service; Protocols and codecs					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 19/10/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	draft 26/10/2000 0 . 0 . 2	get it	<i>remarks - this release:</i>			
	draft 02/11/2000 0 . 0 . 3	get it				
	SP-10 21/12/2000 1 . 0 . 0	get it			SP-000566	
	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				
<hr/>						
TR 26.901	AMR wideband speech codec; Feasibility study report					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-07 17/03/2000 2 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-07 17/03/2000 4 . 0 . 0	get it	<i>remarks - this release:</i>			
	edito 26/04/2000 4 . 0 . 1	get it				
<hr/>						
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-10 21/12/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-11 10/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-19 04/04/2003 4 . 2 . 0	get it				
<hr/>						
TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> 2002-06-18: not useful to upgrade to Rel-5?			

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

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 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:* 4.11.0 *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](#)
NP-19 27/03/2003 4 . 9 . 0 [get it](#)
NP-20 25/06/2003 4 . 10 . 0 [get it](#)
NP-21 01/10/2003 4 . 11 . 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 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 Research In Motion 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:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, 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](#)
TP-19 31/03/2003 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 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 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
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-15 25/03/2002 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* GPRS
NP-16 24/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-17 17/09/2002 4 . 2 . 0 [get it](#)
NP-20 23/06/2003 4 . 3 . 0 [get it](#)
edito post NP-20: 01/07/2003 4 . 3 . 1 [get it](#)
corrects typo
(wrong version no.
on cover)

TS 27.103 Wide Area Network Synchronization

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
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:

TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T2 / - *rapporteur:* REX, Thomas ERICSSON MOBILE COMMUNICATIONS AB
freeze_meeting: SP-11 *G: U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-15 26/03/2002 4 . 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 Rel-4 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
TP-11 02/04/2001 4 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: TP-15: Not to be promoted to Rel-5.

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
freeze_meeting: SP-11
history (event, available, version, comments):

SP-05	13/10/1999	0 . 0 . 0	
SP-09	18/10/2000	0 . 0 . 3	
SP-10	21/12/2000	1 . 0 . 0	NP-000568
draft	08/02/2001	1 . 1 . 0	
SP-11	10/04/2001	4 . 0 . 0	
SP-12	27/06/2001	4 . 1 . 0	
edito	01/10/2001	4 . 1 . 1	
SP-14	09/01/2002	4 . 2 . 0	
SP-15	28/03/2002	4 . 3 . 0	
SP-16	28/06/2002	4 . 4 . 0	
SP-18	03/01/2003	4 . 5 . 0	

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

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.

Rel-4 **29** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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 29.002 Mobile Application Part (MAP) specification

Rel-4	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
<i>history (event, available, version, comments):</i>				
NP-08	23/06/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
	edito 04/08/2000	4 . 0 . 1	get it	<i>remarks - this release:</i>
	edito 11/08/2000	4 . 0 . 2	get it	
NP-09	26/10/2000	4 . 1 . 0	get it	
NP-10	20/12/2000	4 . 2 . 0	get it	
	edito 01/02/2001	4 . 2 . 1	get it	
NP-11	06/04/2001	4 . 3 . 0	get it	
NP-12	06/07/2001	4 . 4 . 0	get it	
	edito 16/08/2001	4 . 4 . 1	get it	
NP-13	03/10/2001	4 . 5 . 0	get it	
NP-14	18/01/2002	4 . 6 . 0	get it	
NP-15	04/04/2002	4 . 7 . 0	get it	
NP-16	21/06/2002	4 . 8 . 0	get it	
NP-17	24/09/2002	4 . 9 . 0	get it	
NP-18	09/01/2003	4 . 10 . 0	get it	
NP-19	04/04/2003	4 . 11 . 0	get it	
NP-20	04/07/2003	4 . 12 . 0	get it	delayed availability due to complexity of changes
NP-21	09/10/2003	4 . 13 . 0	get it	

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	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<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-09	12/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-10	04/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
NP-11	29/03/2001	4 . 2 . 0	get it	
NP-14	11/01/2002	4 . 3 . 0	get it	
NP-16	24/06/2002	4 . 4 . 0	get it	
NP-17	17/09/2002	4 . 5 . 0	get it	
NP-18	09/01/2003	4 . 6 . 0	get it	
NP-19	27/03/2003	4 . 7 . 0	get it	
NP-20	23/06/2003	4 . 8 . 0	get it	
NP-21	01/10/2003	4 . 9 . 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 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)	4.6.0WG (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	remarks - general:	Transfer>TSG#4 (transfer??)		
	NP-12 06/07/2001 4 . 1 . 0				get it	remarks - this release:			
	NP-14 11/01/2002 4 . 2 . 0				get it				
	NP-16 21/06/2002 4 . 3 . 0				get it				
	NP-17 18/09/2002 4 . 4 . 0				get it				
	NP-18 07/01/2003 4 . 5 . 0				get it				
	NP-20 27/06/2003 4 . 6 . 0				get it				
<hr/>									
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	remarks - general:			
	correct references 25/06/2002 4 . 0 . 1				get it	remarks - this release:			
<hr/>									
TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
Rel-4	<i>current version:</i> 4.0.1	<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	remarks - general:	Transfer>TSG#4		
	update references 24/06/2002 4 . 0 . 1				get it	remarks - this release:			
<hr/>									
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification								
Rel-4	<i>current version:</i> 4.1.0	<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	remarks - general:			
	NP-16 26/06/2002 4 . 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 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 *current version:* 4.5.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
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>
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	
NP-21	10/10/2003	4 . 5 . 0	get it	

TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface
Rel-4 *current version:* 4.9.0 *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	30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-12	04/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
NP-13	03/10/2001	4 . 2 . 0	get it	
NP-14	11/01/2002	4 . 3 . 0	get it	
NP-15	28/03/2002	4 . 4 . 0	get it	
NP-17	18/09/2002	4 . 5 . 0	get it	
NP-18	07/01/2003	4 . 6 . 0	get it	
NP-19	04/04/2003	4 . 7 . 0	get it	
NP-20	27/06/2003	4 . 8 . 0	get it	
NP-21	09/10/2003	4 . 9 . 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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	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	
	NP-19	27/03/2003	4 . 7 . 0	get it	
	NP-20	23/06/2003	4 . 8 . 0	get it	

TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, 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	
	NP-19	25/03/2003	4 . 8 . 0	get it	

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, 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	
	RP-19	26/03/2003	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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* AIKAWA, Shinichiro Fujitsu Limited
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:* New after TSG#5
remarks - this release:

TS 29.120 Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-09 25/10/2000 4 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
remarks - this release:

TS 29.198-01 Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview

Rel-4 *current version:* 4.3.3 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
edito 20/03/2002 4 . 3 . 1 [get it](#)
edito (references 31/03/2003 4 . 3 . 2 [get it](#)
etc)
edito 18/06/2003 4 . 3 . 3 [get it](#) Introduction - update of table explaining
how the various releases of ETSI, Parlay
and 3GPP OSA specifications
correspond; References

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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-19	31/03/2003	4 . 5 . 0	get it	
NP-20	18/06/2003	4 . 6 . 0	get it	

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	
NP-19	31/03/2003	4 . 7 . 0	get it	
NP-20	18/06/2003	4 . 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-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	
NP-19	31/03/2003	4 . 6 . 0	get it	
NP-20	18/06/2003	4 . 7 . 0	get it	

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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	
NP-19	31/03/2003	4 . 6 . 0	get it	
NP-20	18/06/2003	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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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	
NP-19	31/03/2003	4 . 5 . 0	get it	

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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-19	31/03/2003	4 . 5 . 0	get it	

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	
NP-19	31/03/2003	4 . 6 . 0	get it	
NP-20	18/06/2003	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 Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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		<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	
NP-19	31/03/2003	4	.	4	.	0	get it	

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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	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	
NP-19	31/03/2003	4	.	4	.	0	get it	

TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11	02/04/2001	4	.	0	.	0		<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	

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 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3
Rel-4 *current version:* 4.2.0 *WG (prime / other):* 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	

TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3
Rel-4 *current version:* 4.8.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-10	12/01/2001	1 . 0 . 0	NP-000652	get it	<i>remarks - general:</i> Additional rapporteur: Laura.Pomponi@CSELT.IT
NP-11	30/03/2001	4 . 0 . 0		get it	<i>remarks - this release:</i>
NP-12	04/07/2001	4 . 1 . 0		get it	
NP-13	05/10/2001	4 . 2 . 0		get it	
NP-14	11/01/2002	4 . 3 . 0		get it	
NP-15	28/03/2002	4 . 4 . 0		get it	
NP-16	21/06/2002	4 . 5 . 0		get it	
NP-17	18/09/2002	4 . 6 . 0		get it	
NP-18	07/01/2003	4 . 7 . 0		get it	
NP-20	27/06/2003	4 . 8 . 0		get it	

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	get it	<i>remarks - general:</i>
NP-12	28/06/2001	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-15	20/03/2002	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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.415 Core network Nb interface user plane protocols

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N3 / - *rapporteur:* 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 [get it](#) *remarks - general:*
NP-13 03/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-14 11/01/2002 4 . 2 . 0 [get it](#)
NP-19 27/03/2003 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
NP-16 26/06/2002 4 . 0 . 0 [get it](#) *remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
edito post NP-18 16/12/2002 4 . 0 . 1 [get it](#) *remarks - this release:* . latest Release version.
minor editorials to change style from TS to TR.

TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: SP-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 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
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:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 05/10/2001 4 . 2 . 0 [get it](#)

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

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ACTIVE specs Rel-4 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-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-11 02/04/2001 4 . 0 . 0

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

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-11 26/03/2001 1 . 0 . 0
edito 02/04/2001 1 . 0 . 1
NP-12 2 . 0 . 0
NP-12 29/06/2001 4 . 0 . 0

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

[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:* ABARCA, Chelo ALCATEL S.A.
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:* ABARCA, Chelo ALCATEL S.A.
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

G = required in systems with GERAN access; 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 30.902 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* 4.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-19 07/04/2003 4 . 0 . 2 Technically identical to 30.002 v4.0.1. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x
remarks - this release: . series.

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One
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-4 *current version:* 4.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 02/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*

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:* 4.10.0

freeze_meeting: SP-11

WG (prime / other): T3 / - *rapporteur:* HEIM, Christian

GIESECKE & DEVRIENT GmbH

G: *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-11	09/04/2001	4	.	0	.	0
TP-12	23/07/2001	4	.	1	.	0
TP-13	11/10/2001	4	.	2	.	0
TP-14	17/01/2002	4	.	3	.	0
TP-15	28/03/2002	4	.	4	.	0
TP-16	28/06/2002	4	.	5	.	0
TP-17	25/09/2002	4	.	6	.	0
TP-18	02/01/2003	4	.	7	.	0
TP-19	01/04/2003	4	.	8	.	0
TP-20	23/06/2003	4	.	9	.	0
TP-21	30/09/2003	4	.	10	.	0

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

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TS 31.110 Numbering system for telecommunication IC card applications

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian

SchlumbergerSema - Schlumberger Systèmes S.A

G: *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-11	16/05/2001	4	.	0	.	0	late due to reversal of original T3 decision to scrap in favour of an ETSI SCP deliverable only
TP-14	16/01/2002	4	.	1	.	0	

[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](#)

G = required in systems with GERAN access; 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 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

Rel-4 *current version:* 4.11.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new One
freeze_meeting: SP-11

G: yes *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-09	18/10/2000	4	.	0	.	0
TP-10	05/01/2001	4	.	1	.	0
TP-11	09/04/2001	4	.	2	.	0
edito	10/04/2001	4	.	2	.	1
TP-12	06/07/2001	4	.	3	.	0
TP-13	12/10/2001	4	.	4	.	0
TP-14	16/01/2002	4	.	5	.	0
TP-15	28/03/2002	4	.	6	.	0
TP-16	28/06/2002	4	.	7	.	0
TP-17	18/09/2002	4	.	8	.	0
TP-18	02/01/2003	4	.	9	.	0
TP-19	04/04/2003	4	.	10	.	0
TP-21	29/09/2003	4	.	11	.	0

[get it](#)

remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.

remarks - this release:

[get it](#)

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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; Universal Subscriber Identity Module (USIM) application test specification

Rel-4 *current version:* 4.6.0 *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
TP-19	26/03/2003	4	.	4	.	0
TP-20	23/06/2003	4	.	5	.	0
TP-21	29/09/2003	4	.	6	.	0

[get it](#)

remarks - general: based on R99 core spec; split into 2 parts (this is 2)

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

TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):

remarks - general: based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split
remarks - this release: 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.
into two parts

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

SP-11	28/03/2001	4	.	0	.	0
edito	11/04/2001	4	.	0	.	1
SP-12	03/07/2001	4	.	1	.	0
SP-13	05/10/2001	4	.	2	.	0
edito	26/03/2002	4	.	2	.	1

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

TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
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	03/07/2001	4	.	1	.	0
SP-13	05/10/2001	4	.	2	.	0
SP-19	31/03/2003	4	.	3	.	0
SP-21	03/10/2003	4	.	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 Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, 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 (IRP): Information Service

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, 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](#)
SP-19 31/03/2003 4 . 6 . 0 [get it](#)

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, 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-15 26/03/2002 4 . 2 . 0 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
SP-17 20/09/2002 4 . 4 . 0 [get it](#)
SP-18 09/01/2003 4 . 5 . 0 [get it](#)
SP-19 01/04/2003 4 . 6 . 0 [get it](#)

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 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
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	
SP-19	01/04/2003	4 . 5 . 0	get it	
SP-21	02/10/2003	4 . 6 . 0	get it	

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

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	
SP-19	02/04/2003	4 . 4 . 0		get it	
SP-21	02/10/2003	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 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation

freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-11	29/03/2001	1	.	0	.	0		get it	<i>remarks - general:</i>
SP-12	18/06/2001	1	.	1	.	1	SP-010236	get it	<i>remarks - this release:</i>
SP-13	26/09/2001	2	.	0	.	0	SP-010464	get it	
SP-13	09/10/2001	4	.	0	.	0		get it	
SP-15	26/03/2002	4	.	1	.	0		get it	
edito post SP-15	27/03/2002	4	.	1	.	1		get it	
SP-16	20/06/2002	4	.	2	.	0		get it	
SP-18	09/01/2003	4	.	3	.	0		get it	
SP-19	02/04/2003	4	.	4	.	0		get it	
SP-21	02/10/2003	4	.	5	.	0		get it	

TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation

freeze_meeting: SP-11 *G:* *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>
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	
SP-21	02/10/2003	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 32.235	Telecommunication management; Charging management; Charging data description for application services						
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	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>	.
	SP-13	08/10/2001	4 . 0 . 0		get it		
	SP-15	26/03/2002	4 . 1 . 0		get it		
	SP-16	20/06/2002	4 . 2 . 0		get it		
	SP-17	18/09/2002	4 . 3 . 0		get it		
	SP-18	07/01/2003	4 . 4 . 0		get it		
	SP-19	02/04/2003	4 . 5 . 0		get it		
	SP-20	09/06/2003	4 . 6 . 0		get it		

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	G: U: yes	MCC: 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 A/S			
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC: 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		

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 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service			
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated
	<i>freeze_meeting:</i> SP-12	<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 32.301-2
	SP-12	04/07/2001	4 . 0 . 0	get it <i>remarks - this release:</i> .
	SP-14	11/01/2002	4 . 1 . 0	get it
edito post	SP-18	13/01/2003	4 . 1 . 1	get it
	SP-20	27/06/2003	4 . 2 . 0	get it

TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution			
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, 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
	SP-19	31/03/2003	4 . 4 . 0	get it
	SP-21	01/10/2003	4 . 5 . 0	get it

TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (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>	<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 32.301-4
	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

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 32.311	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	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 32.112-1	
	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	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 32.112-2	
	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> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-13	G: 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-010467
	SP-13 05/10/2001	4 . 0 . 0	get it		
	SP-14 11/01/2002	4 . 1 . 0	get it		
	SP-17 18/09/2002	4 . 2 . 0	get it		
	SP-20 27/06/2003	4 . 3 . 0	get it		

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

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TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, 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		
	SP-19 31/03/2003	4 . 3 . 0	get it		
	SP-20 27/06/2003	4 . 4 . 0	get it		
	SP-21 15/10/2003	4 . 5 . 0	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> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, 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 Configuration Management (CM) Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, 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 CM Integration Reference Point (IRP): Information service				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, 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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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-3

SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

SP-13 05/10/2001 4 . 1 . 0 [get it](#)

SP-15 27/03/2002 4 . 2 . 0 [get it](#)

SP-16 20/06/2002 4 . 3 . 0 [get it](#)

post SP-16 04/07/2002 4 . 3 . 1 [get it](#)

correction of cover
page

TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG

freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-4

SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

SP-13 05/10/2001 4 . 1 . 0 [get it](#)

SP-14 11/01/2002 4 . 2 . 0 [get it](#)

TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND

freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-1

SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS 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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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
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 <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
SP-20	27/06/2003	4	.	3	.	0	get it XML in separate file, added 2003-07-03
Adds XML file with reference from document	17/10/2003	4	.	3	.	1	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:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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
SP-20	27/06/2003	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 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<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 32.621-2
	SP-12	03/07/2001	4 . 0 . 0	get it <i>remarks - this release:</i> .
	SP-14	11/01/2002	4 . 1 . 0	get it
	SP-16	28/06/2002	4 . 2 . 0	get it
	SP-19	01/04/2003	4 . 3 . 0	get it
	SP-21	15/10/2003	4 . 4 . 0	get it

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture					
Rel-4	<i>current version:</i> (CORBA) solution set	4.1.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> PAL, Tapinder	T-
MOBILE DEUTSCHLAND						
	<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 32.621-3		
	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		

TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)					
Rel-4	<i>current version:</i> solution set	4.1.1	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf	
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 32.621-4		
	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		
	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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <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 32.622-1
	SP-12	03/07/2001	4 . 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 Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<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 32.622-2
	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	
	SP-17 27/09/2002	4 . 2 . 0	get it	
	SP-20 26/06/2003	4 . 3 . 0	get it	

TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture			
Rel-4	<i>current version:</i> (CORBA) solution set	4.2.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> RAYMER, David
	Motorola Inc.			
	<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 32.622-3
	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-20 27/06/2003	4 . 2 . 0	get it	

TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)			
Rel-4	<i>current version:</i> solution set	4.2.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-4
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>
	SP-13 05/10/2001	4 . 1 . 0	get it	
	edito post SP-17 18/09/2002	4 . 1 . 1	get it	
	SP-20 26/06/2003	4 . 2 . 0	get it	

TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.623-1
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .

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 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> 4.5.0	4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB				
	<i>freeze_meeting:</i> SP-12		<i>G: yes U:</i>	<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 32.623-2					
	SP-12 03/07/2001 4 . 0 . 0		get it	<i>remarks - this release:</i> .					
	SP-13 05/10/2001 4 . 1 . 0		get it						
	SP-14 11/01/2002 4 . 2 . 0		get it						
	SP-16 28/06/2002 4 . 3 . 0		get it						
	SP-17 27/09/2002 4 . 4 . 0		get it						
	SP-20 26/06/2003 4 . 5 . 0		get it						

TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-4	<i>current version:</i> (CORBA) solution set	4.2.0	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> RAYMER, David	Motorola Inc.				
	<i>freeze_meeting:</i> SP-12		<i>G: yes U:</i>	<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 32.623-3					
	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-20 27/06/2003 4 . 2 . 0		get it						

TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
Rel-4	<i>current version:</i> solution set	4.2.0	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i> SP-12		<i>G: yes U:</i>	<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 32.623-4					
	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-20 27/06/2003 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

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	<i>remarks - general:</i>
draft	17/01/2001	0	.	0	.	3	get it	<i>remarks - this release:</i> .
SP-12	18/06/2001	1	.	0	.	0	get it	
SP-12	03/07/2001	4	.	0	.	0	get it	

NP-010239 (!)
SP-010233 (for approval!)

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 nv/sa
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	<i>remarks - general:</i>
SP-12	04/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
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	

TS 33.103 3G security; Integration guidelines

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S3 / - *rapporteur:* BLANCHARD, Colin BT Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

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	

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 33.105	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.			

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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.	

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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:* 4.8.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman ANRITSU LTD
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

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
TP-19 24/03/2003 4 . 6 . 0
TP-20 18/06/2003 4 . 7 . 0
TP-21 10/10/2003 4 . 8 . 0

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

TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, 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
RP-19 25/03/2003 4 . 5 . 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](#)
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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:* 4.1.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version, comments):
TP-20 17/06/2003 4 . 0 . 0 upgrade sans CR [get it](#) *remarks - general:*
TP-21 10/10/2003 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

Rel-4 *current version:* 4.9.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version, comments):
TP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 03/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 09/01/2002 4 . 2 . 0 [get it](#)
TP-15 21/03/2002 4 . 3 . 0 [get it](#)
TP-16 17/06/2002 4 . 4 . 0 [get it](#)
TP-17 05/09/2002 4 . 5 . 0 [get it](#)
TP-18 18/12/2002 4 . 6 . 0 [get it](#)
TP-19 24/03/2003 4 . 7 . 0 [get it](#)
TP-20 17/06/2003 4 . 8 . 0 [get it](#)
TP-21 10/10/2003 4 . 9 . 0 [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:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version, comments):
TP-13 03/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 20/03/2002 4 . 2 . 0 [get it](#)
TP-16 19/06/2002 4 . 3 . 0 [get it](#)

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ACTIVE specs Rel-4 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-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng		ETSI Secretariat
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, comments):</i>					
	TP-13	04/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	TP-14	09/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	TP-15	21/03/2002	4 . 2 . 0	get it		
	TP-16	19/06/2002	4 . 3 . 0	get it		
<hr/>						
TS 34.123-3	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng		ETSI Secretariat
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, comments):</i>					
	<i>remarks - general:</i>					
	<i>remarks - this release:</i>					
<hr/>						
TS 34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SOERENSEN, Ole		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	RP-11	10/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> T1->R4@TSG#10	
	RP-18	10/01/2003	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	RP-19	04/04/2003	4 . 2 . 0	get it		
<hr/>						
TR 34.910	Identification of test requirements for regulatory purposes in different regions/countries					
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> NIELSEN, Bjarke		QUALCOMM EUROPE S.A.R.L.
	<i>freeze_meeting:</i> SP-13		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, comments):</i>					
	TP-05	13/10/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	
	TP-10	09/01/2001	1 . 0 . 0	get it	<i>remarks - this release:</i>	
<hr/>						
TR 34.926	Table of international EMC requirements					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> FENN, John B		SAMSUNG Electronics Research Institute
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	TP-09	06/10/2000	1 . 0 . 0	get it	<i>remarks - general:</i> Plan approved TSG#7 TP-000036). T1->R4@TSG#10	
	RP-10	09/01/2001	4 . 0 . 0	get it	<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 Rel-4 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

Rel-4 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201 **Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):
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:*

TS 35.202 **Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release:

TS 35.203 **Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data**
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release:

TS 35.204 **Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release:

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ACTIVE specs Rel-4 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								
Rel-4	<i>current version: 1: General</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:	<i>U:</i> yes	<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. 2002-06: clarified that deliverable is TS not TR.				
				<i>remarks - this release:</i>	TSG#11:changed to Rel-4.				
<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								
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:</i> SP-11	G:	<i>U:</i> yes	<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:</i> SP-11	G:	<i>U:</i> yes	<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:</i> SP-11	G:	<i>U:</i> yes	<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:</i> SP-11	G:	<i>U:</i> yes	<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)				

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ACTIVE specs Rel-4 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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>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: 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>	
	edito 02/05/2001 4 . 0 . 1			get it	<i>remarks - this release:</i>	
TR 41.033	Lawful Interception requirements for GSM					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH	
		<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				<i>remarks - general:</i>	
	edito 02/05/2001 4 . 0 . 1			get it	<i>remarks - this release:</i>	
TS 41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc	
		<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 41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system					
Rel-4	<i>current version:</i> 4.9.0 <i>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> SP /	<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat	
		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-20 25/06/2003 4 . 9 . 0 Created from 41.102 v4.9.0			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

Rel-4 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.009	Security Aspects								
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / S1 / NP	rapporteur:	CHRISTOFFERSSON, Per	Telia Promotor AB			
	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:				
					remarks - this release:	SP-15: Not to be promoted to Rel-5.			
TS 42.017	Subscriber Identity Module (SIM); Functional characteristics								
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD			
	freeze_meeting: SP-11	G: yes U:		MCC:	DIETZE, Claus				
	history (event, available, version, comments):								
	TP-11 09/04/2001 4 . 0 . 0			get it	remarks - general:				
					remarks - this release:	2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.			
TS 42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	freeze_meeting: SP-11	G: yes U:		MCC:	DIETZE, Claus				
	history (event, available, version, comments):								
	TP-12 06/07/2001 4 . 0 . 0			get it	remarks - general:	TP-17: From Rel-6, transferred to ETSI TS 102 240.			
					remarks - this release:	.			
TS 42.033	Lawful Interception; Stage 1								
Rel-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	remarks - general:				
					remarks - this release:				
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:				

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ACTIVE specs Rel-4 42 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

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

TR 43.005 Technical performance objectives

Rel-4 *current version:* 4.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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			

TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 11/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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			

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

Rel-4 *current version:* 4.5.0 *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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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 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> 4.3.0	<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>
	GP-14 25/04/2003 4 . 2 . 0					get it
	GP-16 12/09/2003 4 . 3 . 0					get it
<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>

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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:* 4.4.0 *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
GP-14	25/04/2003	4	.	4	.	0	get it

TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.3.0 *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
NP-21	08/10/2003	4	.	3	.	0	get it

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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:* 4.3.0 *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	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	
NP-21	08/10/2003	4 . 3 . 0	get it	

TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0 *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	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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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 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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	<i>remarks - general:</i>
NP-16	20/06/2002	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 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:* 4.3.0 *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](#)
GP-15 10/07/2003 4 . 3 . 0 [get it](#)

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 *current version:* 4.15.0 *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](#)
GP-14 28/04/2003 4 . 14 . 0 [get it](#)
GP-15 10/07/2003 4 . 15 . 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 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	<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-10 21/12/2000 4 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-17 19/09/2002 4 . 1 . 0		get it	<i>remarks - this release:</i>		
<hr/>						
TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<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-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			
	GP-16 12/09/2003 4 . 7 . 0		get it			
<hr/>						
TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> GP-04	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-07 08/01/2002 4 . 1 . 0		get it	<i>remarks - this release:</i>		
<hr/>						
TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<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>		

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 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:* 4.14.0 *WG (prime / other):* G2 / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):

	GP-03	31/01/2001	4 . 0 . 0	get it	<i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-04	04/05/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
	GP-05	18/06/2001	4 . 2 . 0	get it	
	GP-06	14/09/2001	4 . 3 . 0	get it	
	GP-07	09/01/2002	4 . 4 . 0	get it	
	GP-08	19/02/2002	4 . 5 . 0	get it	
	GP-09	03/05/2002	4 . 6 . 0	get it	
edito post	GP-09	28/05/2002	4 . 6 . 1	get it	
	GP-10	19/07/2002	4 . 7 . 0	get it	
	GP-11	16/09/2002	4 . 8 . 0	get it	
	GP-12	17/12/2002	4 . 9 . 0	get it	
	GP-13	21/02/2003	4 . 10 . 0	get it	
	GP-14	29/04/2003	4 . 11 . 0	get it	
	GP-15	10/07/2003	4 . 12 . 0	get it	
	GP-16	13/09/2003	4 . 13 . 0	get it	
	GP-17		4 . 14 . 0		

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	get it	<i>remarks - general:</i>
	NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
	NP-14	04/01/2002	4 . 2 . 0	get it	
	NP-15	19/03/2002	4 . 3 . 0	get it	

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			

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

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:* 4.3.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, 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	
GP-14	25/04/2003	4 . 2 . 0	get it	
GP-17		4 . 3 . 0		

TS 45.002 Multiplexing and multiple access on the radio path

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
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>
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	
GP-14	25/04/2003	4 . 7 . 0	get it	
GP-15	11/07/2003	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 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.003	Channel coding					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	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>			
	GP-14 25/04/2003 4 . 2 . 0	get it				
<hr/>						
TS 45.004	Modulation					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 18/06/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-05 29/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-07 04/01/2002 4 . 2 . 0	get it				
<hr/>						
TS 45.005	Radio transmission and reception					
Rel-4	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	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 15/02/2001 4 . 2 . 0	get it				
	GP-04 20/04/2001 4 . 3 . 0	get it				
	GP-05 29/06/2001 4 . 4 . 0	get it				
	GP-06 01/10/2001 4 . 5 . 0	get it				
	GP-07 04/01/2002 4 . 6 . 0	get it				
	GP-09 06/05/2002 4 . 7 . 0	get it				
	GP-10 19/07/2002 4 . 8 . 0	get it				
	GP-11 19/09/2002 4 . 9 . 0	get it				
	GP-13 21/02/2003 4 . 10 . 0	get it				
	GP-14 25/04/2003 4 . 11 . 0	get it				
	GP-15 11/07/2003 4 . 12 . 0	get it				
	GP-16 12/09/2003 4 . 13 . 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 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008 Radio subsystem link control

Rel-4 *current version:* 4.13.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

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
GP-14 25/04/2003 4 . 10 . 0
GP-15 11/07/2003 4 . 11 . 0
GP-16 12/09/2003 4 . 12 . 0
GP-17 4 . 13 . 0

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

[get it](#)

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[get it](#)

TS 45.009 Link adaptation

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

Skov
USAI, Paolino

G: yes U:

MCC:

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

[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-4 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.010 Radio subsystem synchronization

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

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

history (event, available, version, comments):

GP-04 20/04/2001 4 . 0 . 0

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

GP-07 04/01/2002 4 . 1 . 0

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

GP-08 19/02/2002 4 . 2 . 0

[get it](#)

GP-10 19/07/2002 4 . 3 . 0

[get it](#)

GP-13 21/02/2003 4 . 4 . 0

[get it](#)

GP-16 12/09/2003 4 . 5 . 0

[get it](#)

TR 45.022 Radio link management in hierarchical networks

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han

T-MOBILE DEUTSCHLAND

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

history (event, available, version, comments):

GP-04 11/04/2001 4 . 0 . 0

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

remarks - this release:

TR 45.050 Background for RF Requirements

Rel-4 *current version:* 4.0.1

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter

MOTOROLA A/S

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

history (event, available, version, comments):

GP-04 11/04/2001 4 . 0 . 0

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

make figures 01/08/2001 4 . 0 . 1

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

legible

TS 45.056 CTS-FP Radio Sub-system

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino

TELECOM ITALIA S.p.A.

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

history (event, available, version, comments):

GP-04 11/04/2001 4 . 0 . 0

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

remarks - this release:

Rel-4

46 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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ACTIVE specs 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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i> SP-11 10/10/2001 4 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>						
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>	

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 46.010	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>		
<hr/>						
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>		

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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:		MCC:	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 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U:		MCC:	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:		MCC:	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 S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U:		MCC:	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:		MCC:	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>	

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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>
<hr/>						
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>

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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>
<hr/>						
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 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>

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TR 46.085 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Skov 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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Skov 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-07 08/01/2002 4 . 2 . 0 Rel-5 CR undone. Effectively reverts to [get it](#)
4.0.0

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 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 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter 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 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
Rel-4 *current version:* 4.10.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter 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](#) *remarks - general:*
GP-01 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
edito 24/10/2000 4 . 1 . 1 [get it](#)
GP-02 11/01/2001 4 . 2 . 0 [get it](#)
GP-03 31/01/2001 4 . 3 . 0 [get it](#)
GP-04 04/05/2001 4 . 4 . 0 [get it](#)
GP-06 14/09/2001 4 . 5 . 0 [get it](#)
GP-07 08/01/2002 4 . 6 . 0 [get it](#)
GP-08 19/02/2002 4 . 7 . 0 [get it](#)
GP-10 19/07/2002 4 . 8 . 0 [get it](#)
GP-15 10/07/2003 4 . 9 . 0 [get it](#)
GP-16 12/09/2003 4 . 10 . 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](#) *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 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
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	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	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			
	GP-15 10/07/2003 4 . 3 . 0	get it			

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			THOMASEN, Gert	
		G: yes U:	MCC:		
	<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			BOSWARTHICK, David	
		G: yes U:	MCC:		
	<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			Skov	
		G: yes U:	MCC:	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>	

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 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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-07 08/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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>		
	edito 15/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>		

TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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>		
			<i>remarks - this release:</i>		

TS 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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>		
			<i>remarks - this release:</i>		

TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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-08 19/02/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>		

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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	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, comments):				
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary)	Ownership change G2 -> G1.
	edito 28/05/2001 4 . 0 . 1	get it	remarks - this release:		
	GP-08 19/02/2002 4 . 1 . 0	get it			

TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
Rel-4	current version: 4.1.1 freeze_meeting: GP-04	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, comments):				
	GP-04 04/05/2001 4 . 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary)	Ownership change G2 -> G1.
	GP-08 19/02/2002 4 . 1 . 0	get it	remarks - this release:		Cover sheet still shows version 4.0.0 and wrong date.
	editorial pody GP-08 20/03/2002 4 . 1 . 1	get it			

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification				
Rel-4	current version: 4.4.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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			
	GP-08 19/02/2002 4 . 3 . 0	get it			
	GP-15 10/07/2003 4 . 4 . 0	get it			

Rel-4 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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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:* 4.1.0 *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:*
NP-19 24/03/2003 4 . 1 . 0 [get it](#)

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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

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

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ACTIVE specs 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, Paulino
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:*

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):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
conversion from 01/08/2000 4 . 0 . 1 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
11.10-1 v9.0.1 *remarks - this release:* #32:9.0.0 MCC-converted Aug00:4.0.1
edito 24/10/2000 4 . 0 . 2 [get it](#)
GP-02 01/12/2000 4 . 1 . 0 [get it](#)
edito to correct 01/12/2000 4 . 1 . 1 [get it](#)
Release
edito 17/01/2001 4 . 1 . 2 [get it](#)
GP-03 22/01/2001 4 . 2 . 0 [get it](#)
GP-04 11/04/2001 4 . 3 . 0 [get it](#)
GP-05 05/06/2001 4 . 4 . 0 [get it](#)
GP-06 31/08/2001 4 . 5 . 0 [get it](#)
GP-07 09/01/2002 4 . 6 . 0 [get it](#)
GP-08 26/02/2002 4 . 7 . 0 [get it](#)
GP-09 03/05/2002 4 . 8 . 0 [get it](#)
GP-10 19/07/2002 4 . 9 . 0 [get it](#)
GP-11 20/09/2002 4 . 10 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS 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):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

GP-02		1	.	0	.	0
GP-04	11/04/2001	4	.	0	.	0
GP-05	05/06/2001	4	.	1	.	0
GP-06	31/08/2001	4	.	2	.	0
GP-07	09/01/2002	4	.	3	.	0
GP-07 minor	18/01/2002	4	.	3	.	1
editorial						
GP-08	26/02/2002	4	.	4	.	0
GP-09	29/04/2002	4	.	5	.	0
GP-10	03/07/2002	4	.	6	.	0
GP-11	19/09/2002	4	.	7	.	0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

GP-01	06/09/2000	4	.	0	.	0
edito	24/10/2000	4	.	0	.	1
GP-02	30/11/2000	4	.	1	.	0
GP-05	28/06/2001	4	.	2	.	0
GP-06	14/09/2001	4	.	3	.	0
GP-07	21/01/2002	4	.	4	.	0
GP-08	19/02/2002	4	.	5	.	0
GP-09	29/04/2002	4	.	6	.	0
GP-10	19/07/2002	4	.	7	.	0
GP-14	29/04/2003	4	.	8	.	0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs 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:* 0.0.1 DRAFT *WG (prime / other):* T3 / G3ne *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-14 02/01/2002 0 . 0 . 1 TP-010250; TP17: the previous doc [get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because doc turned out to be a sort of draft CR for *remarks - this release:* TP-17: Withdrawn, because doc was in fact R99, not Rel-4. 2003-07-15: Dietze was in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 appears!).
R99 (11.10-4). 2003-07-15: Dietze indicates that Rel-4 will eventually be produced, so this Release reinstated (though 2003-07-15: Unwithdrawn - see comments against Rel-4. existing so-called draft v0.0.1 is still scrapped).
indicates that a Rel-4 will be required, so this Release reinstated, but this version 0.0.1 remains scrapped.

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-4 *current version:* 4.9.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".
TP-12 06/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:* TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version withdrawn!

TP-13 11/10/2001 4 . 2 . 0 [get it](#)

TP-14 17/01/2002 4 . 3 . 0 [get it](#)

TP-16 25/06/2002 4 . 4 . 0 [get it](#)

TP-17 18/09/2002 4 . 5 . 0 [get it](#)

TP-18 02/01/2003 4 . 6 . 0 [get it](#)

TP-19 04/04/2003 4 . 7 . 0 [get it](#)

TP-20 23/06/2003 4 . 8 . 0 [get it](#)

TP-21 29/09/2003 4 . 9 . 0 [get it](#)

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> TP-19								
		<i>G:</i> yes	<i>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. Doc has been created without CRs and with no Change History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR. TP-18: no CR; anticipate at TP-19.	get it	<i>remarks - this release:</i>	TP-15: New WI approved in TP-020029.				
	TP-19 04/04/2003 4 . 0 . 0	Created with CR to 11.13 R99	get it						
	replace Annex E with correct file	16/04/2003 4 . 0 . 1	get it						
<hr/>									
TS 51.014	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-11								
		<i>G:</i> yes	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	TP-18 02/01/2003 4 . 0 . 0		get it	<i>remarks - general:</i>					
	TP-19 04/04/2003 4 . 1 . 0		get it	<i>remarks - this release:</i>	RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI				
	TP-21 29/09/2003 4 . 2 . 0		get it		TS 102 223 Rel-4 (via a CR to 11.14 R99).				
<hr/>									
TS 51.021	GSM radio aspects base station system equipment specification								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-13	<i>G:</i> yes	<i>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						
	GP-15 11/07/2003 4 . 4 . 0		get it						

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.026 GSM Repeater Equipment Specification

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-13
history (event, available, version, comments):
post-GP-07 23/01/2002 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

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

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-09
history (event, available, version, comments):
GP-09 06/05/2002 4 . 0 . 0

WG (prime / other): G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino

[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
freeze_meeting: SP-13
history (event, available, version, comments):
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402
SP-16 20/06/2002 4 . 1 . 0

WG (prime / other): S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* ZOICAS, Adrian

[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

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ACTIVE specs R99 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R99 *current version:* 8.11.1 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

draft	01/08/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
draft	01/08/1999	0 . 0 . 1	get it	<i>remarks - this release:</i>	backwards extension to earlier releases.
mods to draft	01/09/1999	0 . 0 . 2	get it		
more mods	07/09/1999	0 . 0 . 3	get it		
WOME cmts	15/09/1999	0 . 1 . 0	get it		
included					
Becomes T2/smg4 responsibility	21/09/1999	0 . 2 . 0	get it		
editorials	01/10/1999	0 . 3 . 0	get it		
draft	04/08/2000	0 . 3 . 0	get it		
align with 21.101	07/10/1999	0 . 4 . 0	get it		
smg-30	11/11/1999	1 . 0 . 0	get it		
align with 21.101	30/11/1999	1 . 1 . 0	get it	Alignment with 21.101: 1.1.0.	
smg-31b		2 . 0 . 0			
smg-32	20/06/2000	8 . 0 . 0	get it		
SP-10	04/01/2001	8 . 1 . 0	get it		
SP-12	05/07/2001	8 . 2 . 0	get it		
SP-13	01/10/2001	8 . 3 . 0	get it		
SP-14	03/01/2002	8 . 4 . 0	get it		
SP-15	27/03/2002	8 . 5 . 0	get it		
SP-16	19/06/2002	8 . 6 . 0	get it		
SP-17	18/09/2002	8 . 7 . 0	get it		
SP-18	03/01/2003	8 . 8 . 0	get it		
SP-19	27/03/2003	8 . 9 . 0	get it		
SP-20	25/06/2003	8 . 10 . 0	get it		
SP-21	26/09/2003	8 . 11 . 0	get it		
editorial	30/09/2003	8 . 11 . 1	get it		

TR 01.04 Abbreviations and acronyms

R99 *current version:* 8.0.0 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *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>	
				<i>remarks - this release:</i>	.

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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	<i>G: yes U:</i>		<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	<i>G: yes U:</i>		<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	<i>G: yes U:</i>		<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	<i>G: yes U:</i>		<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	<i>G: yes U:</i>		<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 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 02.95 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](#)

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
Upgrade to R99 29/03/2000 8 . 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 R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.19	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card					
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:	MCC: 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:	MCC: 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>	
<hr/>						
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	G: yes U:	MCC: 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		

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

TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

R99 *current version:* 8.3.0
freeze_meeting: SP-06

WG (prime / other): G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):
Upgrade to R99 29/03/2000 8 . 0 . 0

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

TR 03.30 Radio Network Planning Aspects

R99 *current version:* 8.3.0
freeze_meeting: SP-06

WG (prime / other): GP / - *rapporteur:* TEGTH, Ulf TeliaSonera AB
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-30b 06/12/1999 8 . 2 . 0
smg-31 16/02/2000 8 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0
[get it](#)
[get it](#)

TS 03.33 Lawful Interception; Stage 2

R99 *current version:* 8.1.0
freeze_meeting: SP-06

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

history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0
SP-10 21/12/2000 8 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TSG#10:8.1.0

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

R99 *current version:* 8.0.1
freeze_meeting: SP-06

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version, comments):
smg-29 30/06/1999 8 . 0 . 0
ETSI publication 30/10/2001 8 . 0 . 1

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

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R99 *current version:* 8.0.1
freeze_meeting: SP-06

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version, comments):
NP-06 17/12/1999 8 . 0 . 0 (source Klehn)
ETSI puboication 8 . 0 . 1 ETSI format only. Not for 3GPP use.

[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 R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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	<i>remarks - general:</i> SMG9->T3@#31
smg-30	11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>
smg-31	16/02/2000	8 . 2 . 0	get it	
TP-08	28/06/2000	8 . 3 . 0	get it	
TP-09	18/10/2000	8 . 4 . 0	get it	
TP-11	09/04/2001	8 . 5 . 0	get it	
TP-12	06/07/2001	8 . 6 . 0	get it	
TP-13	12/10/2001	8 . 7 . 0	get it	
TP-14	17/01/2002	8 . 8 . 0	get it	

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R99 *current version:* 8.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

Upgrade to R99	29/03/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
ETSI publication	22/09/2000	8 . 0 . 1	get it	<i>remarks - this release:</i> #32:8.1.0
smg-32	20/06/2000	8 . 1 . 0	get it	
ETSI publication	29/11/2000	8 . 1 . 1	get it	

TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis ALCATEL S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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> .

TS 03.53 Tandem Free Operation (TFO); Service description; Stage 2

R99 *current version:* 8.0.0 *WG (prime / other):* S4 / NP / S2 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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> .

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 03.55 Dual Transfer Mode (DTM); Stage 2
R99 *current version:* 8.1.1 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-02	05/01/2001	8	.	0	.	0	get it	<i>remarks - general:</i>	2003-10-09: Converted from TR to TS.
GP-16	12/09/2003	8	.	1	.	0	get it	<i>remarks - this release:</i>	GERAN#2: 8.0.0
Conversion to TS (was TR)	10/10/2003	8	.	1	.	1	get it		Illogical to be a TR, and 43.055 is a TS!

TR 03.58 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

Upgrade to R99	30/03/2000	8	.	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
R99 *current version:* 8.11.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, 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-30b	06/12/1999	8	.	2	.	0	get it		
smg-31	16/02/2000	8	.	3	.	0	get it		
smg-31b	17/04/2000	8	.	4	.	0	get it		
smg-32	20/06/2000	8	.	5	.	0	get it		
GP-01	09/10/2000	8	.	6	.	0	get it		
GP-03	15/02/2001	8	.	7	.	0	get it		
GP-04	20/04/2001	8	.	8	.	0	get it		
GP-07	04/01/2002	8	.	9	.	0	get it		
GP-08	19/02/2002	8	.	10	.	0	get it		
GP-14	25/04/2003	8	.	11	.	0	get it		

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 03.68	Voice Group Call Service (VGCS); Stage 2				
R99	current version: 8.3.0	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	remarks - general:
	NP-07 17/03/2000 8 . 1 . 0			get it	remarks - this release:
	smg-32 20/06/2000 8 . 2 . 0			get it	
	NP-21 10/10/2003 8 . 3 . 0			get it	
<hr/>					
TS 03.69	Voice Broadcast service (VBS); Stage 2				
R99	current version: 8.3.0	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	remarks - general:
	NP-07 17/03/2000 8 . 1 . 0			get it	remarks - this release: TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
	smg-32 20/06/2000 8 . 2 . 0			get it	
	NP-21 13/10/2003 8 . 3 . 0			get it	
<hr/>					
TS 03.71	Location Services (LCS); Functional description; Stage 2				
R99	current version: 8.7.0	WG (prime / other):	S2 / -	rapporteur:	BROOK, Richard SAMSUNG Electronics Research Institute
	freeze_meeting: SP-06	G: yes U:		MCC:	YOON, Sang-Ui
	history (event, available, version, comments):				
	Upgrade to R99 30/06/2000 8 . 0 . 0			get it	remarks - general:
	SP-11 11/04/2001 8 . 1 . 0			get it	remarks - this release: 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	
<hr/>					
TS 03.73	Support of Localised Service Area (SoLSA); Stage 2				
R99	current version: 8.0.0	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 8 . 0 . 0	technically identical to 23.073 v3.0.1		get it	remarks - general: 2001-10-11: S2->N4 to align with ownership of 23.073.
					remarks - this release: SP-16: 23.073 reverts to GERAN-only.

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

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 WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
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:
remarks - this release: #31: 8.0.0

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R99 current version: 8.0.2 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-30 11/11/1999 8 . 0 . 0 [get it](#) remarks - general:
ETSI publication 07/09/2001 8 . 0 . 1 [get it](#) remarks - this release:
edito 17/06/2002 8 . 0 . 2 [get it](#)

TS 04.04 Layer 1 - General Requirements

R99 current version: 8.1.2 WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-30 11/11/1999 8 . 0 . 0 [get it](#) remarks - general:
smg-30b 06/12/1999 8 . 1 . 0 [get it](#) remarks - this release:
ETSI publication 07/09/2001 8 . 1 . 1 [get it](#)
edito 17/06/2002 8 . 1 . 2 [get it](#)

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 04.05 Data Link (DL) Layer General Aspects

R99 *current version:* 8.0.2
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):

Upgrade to R99	30/03/2000	8	.	0	.	0
ETSI publication	22/09/2000	8	.	0	.	1
edito	17/06/2002	8	.	0	.	2

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

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R99 *current version:* 8.2.1
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):

Upgrade to R99	30/03/2000	8	.	0	.	0
ETSI publication	29/09/2000	8	.	0	.	1
GP-03	31/01/2001	8	.	1	.	0
edito	31/01/2001	8	.	1	.	1
GP-08	19/02/2002	8	.	2	.	0
edito	17/06/2002	8	.	2	.	1

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

TS 04.08 Mobile radio interface layer 3 specification

R99 *current version:* 8.0.0
freeze_meeting: SP-06

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-29	30/06/2000	8	.	0	.	0
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[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomsen
remarks - this release: #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!

TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R99 *current version:* 8.0.0
freeze_meeting: GP-04

WG (prime / other): G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-04	24/04/2001	8	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release: Replaces 24.012 R99.

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 04.13 Performance Requirements on Mobile Radio Interface

R99 *current version:* 8.0.1

freeze_meeting: SP-06

history (event, available, version, comments):

smg-31 16/02/2000 8 . 0 . 0
ETSI publication 29/08/2000 8 . 0 . 1

WG (prime / other): N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc

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

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

[get it](#) *remarks - this release:* #31: 8.0.0

TS 04.14 Individual equipment type requirements and interworking; Special conformance testing functions

R99 *current version:* 8.5.0

freeze_meeting: SP-06

history (event, available, version, comments):

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
GP-15 10/07/2003 8 . 5 . 0

WG (prime / other): G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

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

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

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

[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 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99 *current version:* 8.20.0 *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-30b	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-31b	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	
GP-15	10/07/2003	8 . 19 . 0	get it	
GP-17		8 . 20 . 0		

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 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 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R99	<i>current version:</i> 8.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<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>
	smg-31b	17/04/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>
	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	
	GP-16	12/09/2003	8 . 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				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<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>
	smg-31b	17/04/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>
	GP-01	11/10/2000	8 . 2 . 0	get it	
	GP-03	31/01/2001	8 . 3 . 0	get it	
	GP-07	08/01/2002	8 . 4 . 0	get it	
	edito	17/06/2002	8 . 4 . 1	get it	

TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<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>
	ETSI publication	29/08/2000	8 . 0 . 1	get it	<i>remarks - this release:</i> #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:* 8.21.0 *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](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30b 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-31b 17/04/2000 8 . 4 . 0 [get it](#)
ETSI publication 17/10/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 27/11/2000 8 . 7 . 0 [get it](#)
GP-03 31/01/2001 8 . 8 . 0 [get it](#)
GP-04 04/05/2001 8 . 9 . 0 [get it](#)
GP-05 29/06/2001 8 . 10 . 0 [get it](#)
GP-06 14/09/2001 8 . 11 . 0 [get it](#)
GP-07 07/01/2002 8 . 12 . 0 [get it](#)
edito 08/01/2002 8 . 12 . 1 [get it](#)
GP-08 19/02/2002 8 . 13 . 0 [get it](#)
GP-09 03/05/2002 8 . 14 . 0 [get it](#)
edito post GP-09 28/05/2002 8 . 14 . 1 [get it](#)
GP-10 19/07/2002 8 . 15 . 0 [get it](#)
GP-11 16/09/2002 8 . 16 . 0 [get it](#)
GP-12 17/12/2002 8 . 17 . 0 [get it](#)
GP-14 25/04/2003 8 . 18 . 0 [get it](#)
GP-15 10/07/2003 8 . 19 . 0 [get it](#)
GP-16 13/09/2003 8 . 20 . 0 [get it](#)
GP-17 8 . 21 . 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 04.64	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:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R99

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R99 *current version:* 8.8.0 *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-30b	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
GP-14	25/04/2003	8	.	7	.	0
GP-17		8	.	8	.	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 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:* 8.11.0

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-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	24/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	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
GP-15	11/07/2003	8	.	11	.	0

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

TS 05.03 Channel coding

R99 *current version:* 8.7.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	17/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	8	.	5	.	1
GP-02	24/11/2000	8	.	6	.	0
edito	15/02/2001	8	.	6	.	1
GP-14	25/04/2003	8	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0
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3GPP specification status

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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-30b	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:*

[get it](#)

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TS 05.05 Radio Transmission and Reception

R99 *current version:* 8.16.0

freeze_meeting: SP-06

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

Telefon AB LM Ericsson

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-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
ETSI publication	29/09/2000	8	.	3	.	1
smg-31b	17/04/2000	8	.	4	.	0
ETSI publication	22/08/2003	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication	22/08/2003	8	.	5	.	1
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-09	06/05/2002	8	.	12	.	0
GP-10	19/07/2002	8	.	13	.	0
GP-11	19/09/2002	8	.	14	.	0
GP-14	25/04/2003	8	.	15	.	0
GP-16	12/09/2003	8	.	16	.	0

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

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

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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:* 8.19.0

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-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-07	04/01/2002	8	.	12	.	0
GP-08	19/02/2002	8	.	13	.	0
GP-09	06/05/2002	8	.	14	.	0
GP-10	19/07/2002	8	.	15	.	0
GP-14	25/04/2003	8	.	16	.	0
GP-15	11/07/2003	8	.	17	.	0
GP-16	12/09/2003	8	.	18	.	0
GP-17		8	.	19	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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TS 05.09 Link adaptation

R99 *current version:* 8.5.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

Skov

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

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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3GPP specification status

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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:* 8.12.0

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-30b 06/12/1999 8 . 1 . 0
smg-31 16/02/1999 8 . 2 . 0
ETSI publication 29/09/2000 8 . 2 . 1
smg-31b 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
GP-16 12/09/2003 8 . 12 . 0

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

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

[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:* USAI, Paolino

history (event, available, version, comments):

smg-30 11/11/1999 8 . 0 . 0
smg-31 16/02/2000 8 . 1 . 0
smg-31b 17/04/2000 8 . 2 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #30: 8.0.0 #31:8.1.0 #31b:8.2.0
[get it](#)

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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 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 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> .			
<hr/>						
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				
<hr/>						
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	<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 06.21	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	<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 publicatoin 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
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	<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 06.31	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 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> .			
<hr/>						
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	<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

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 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> .				
<hr/>							
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> .				
<hr/>							
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					
<hr/>							
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
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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>	
	smg-32 20/06/2000 8 . 1 . 0		get it		
	SP-10 20/12/2000 8 . 2 . 0		get it		
<hr/>					
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>				
	smg-31 16/02/2000 8 . 0 . 0		get it	<i>remarks - general:</i>	
				<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 S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-07 2 . 0 . 0					
	SP-07 17/03/2000 8 . 0 . 0					<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title.
	fix invisible figures 10/01/2002 8 . 0 . 1					<i>remarks - this release:</i>
						get it
						get it
<hr/>						
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 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-32 20/06/2000 8 . 0 . 0					
	SP-11 10/04/2001 8 . 1 . 0					
	edito 03/05/2001 8 . 1 . 1					
						get it
						get it
						get it
<i>remarks - general:</i>						
<i>remarks - this release:</i>						#32:8.0.0 TSG#11:8.1.0
<hr/>						
TR 06.78	Results of the AMR noise suppression selection phase					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 20/06/2000 8 . 0 . 0					
	Addition of VAF 04/04/2003 8 . 0 . 1					
	C-Code tool					
						get it
						get it
<i>remarks - general:</i>						
<i>remarks - this release:</i>						
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0					
	ETSI Publication 15/11/2000 8 . 0 . 1					
						get it
						get it
<i>remarks - general:</i>						
<i>remarks - this release:</i>						.
<hr/>						
TS 06.82	Voice Activity Detection (VAD) 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0					
	ETSI Publication 15/11/2000 8 . 0 . 1					
						get it
						get it
<i>remarks - general:</i>						
<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 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, 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
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:* 8.15.0 *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):
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-30b 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-31b 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](#)
GP-15 10/07/2003 8 . 14 . 0 [get it](#)
GP-16 12/09/2003 8 . 15 . 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
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	
		<i>G: yes U:</i>	<i>MCC:</i>	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	
	<i>history (event, available, version, comments):</i>				
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30b 06/12/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-31 16/02/2000 8 . 2 . 0	get it			
	smg-31b 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	
	<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 to use 8.4.0		

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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:* .

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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-31b 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-30b 06/12/1999 8 . 1 . 0
ETSI publication 30/10/2001 8 . 1 . 1
GP-08 19/02/2002 8 . 2 . 0
replace corrupted figure 2.1 24/01/2003 8 . 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](#)

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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	<i>current version:</i> 8.1.0		<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>								
	smg-31 16/02/2000	8 . 0 . 0		get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	<i>remarks - this release:</i> .				
	GP-08 19/02/2002	8 . 1 . 0		get it					

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3								
R99	<i>current version:</i> 8.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.				
	<i>freeze_meeting:</i> SP-06			<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	SP-07 17/03/2000	8 . 0 . 0		get it	<i>remarks - general:</i> SMG11->S4 at SMG#30				
	edito 08/08/2000	8 . 0 . 1		get it	<i>remarks - this release:</i> .				

TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3								
R99	<i>current version:</i> 8.5.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-06			Skov					
			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert					
	<i>history (event, available, version, comments):</i>								
	smg-31 16/02/2000	8 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-31b 17/04/2000	8 . 1 . 0		get it	<i>remarks - this release:</i>				
	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

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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:* 8.2.0

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

NP-19 24/03/2003 8 . 2 . 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
[get it](#)

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 *current version:* 8.6.0

freeze_meeting: SP-06

history (event, available, version, comments):

smg-31 16/02/2000 8 . 0 . 0

smg-31b 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:* Skov
THOMASEN, Gert

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

R99

10 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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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
draft 01/04/2000 1 . 22 . 0
draft 25/05/2000 1 . 23 . 0
smg-32 20/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[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):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP

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

history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0
smg-31 16/02/2000 8 . 1 . 0
5 equivalent. 2001-11-19: G4->G5.

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
[get it](#) *remarks - this release:* #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and by Rel-
reclosed!

ETSI publication 30/10/2000 8 . 1 . 1
smg-32 20/06/2000 8 . 2 . 0
GP-06 14/09/2001 8 . 3 . 0

[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 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:* 8.5.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 G3ne

G: yes U: MCC: DIETZE, Claus

history (event, available, version, comments):

auto upgrade to 8 . 0 . 0 never actually done
R99 from previous
version not derived from R96 by CR; also to withdraw the R96 version, since the R99

remarks - general: TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, and

rel
version will cover all previous Releases. TP-20: accepted by T3 (from G4).

to approve a new R99 version not derived from R96 by CR; also to withdraw the R96
version, since the R99 version will cover all previous Releases.

TP-14	0 . 0 . 1	TP-010250		
T3-23	1 . 0 . 0	T3-020405		
TP-17	2 . 0 . 0	TP-020221 = new draft, not derived by CR from previous version (8.0.0). This version NOT approved, due to unorthodox history of its creation.		
GP-12	20/12/2002	8 . 1 . 0	Created correctly by a CR to previous version.	get it
GP-13	21/02/2003	8 . 2 . 0		get it
GP-14	25/04/2003	8 . 3 . 0		get it
TP-20	01/07/2003	8 . 4 . 0	late availability due to aesthetics check	get it
TP-21	30/09/2003	8 . 5 . 0		get it

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.10.0 *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
Removal of	23/06/2003	8 . 9 . 1		get it
comments in clause				
11				
TP-21	30/09/2003	8 . 10 . 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 R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.13	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card				
R99	<i>current version:</i> 8.2.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	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>	DIETZE, Claus	
<i>history (event, available, version, comments):</i>					
	TP-17	18/09/2002	8 . 0 . 0	get it	<i>remarks - general:</i>
	TP-18	02/01/2003	8 . 1 . 0	get it	<i>remarks - this release:</i> No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.
	TP-19	26/03/2003	8 . 2 . 0	get it	
	replace Annex E with correct file	16/04/2003	8 . 2 . 1	get it	
<hr/>					
TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface				
R99	<i>current version:</i> 8.14.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-06				
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	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-11to 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	
	TP-19	26/03/2003	8 . 13 . 0	get it	
	TP-20	23/06/2003	8 . 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 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.17	Subscriber Interface Module (SIM) test specification								
R99	<i>current version:</i> 8.1.0		<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								
			<i>G:</i> yes	<i>U:</i>		<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>								
	TP-18 02/01/2003	8 . 0 . 0							Technically identical to v7.0.2
	TP-19 27/03/2003	8 . 1 . 0							get it <i>remarks - general:</i>
									get it <i>remarks - this release:</i> May 00: R99 not anticipated. TP-18: R99 created.

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects								
R99	<i>current version:</i> 8.9.0		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-06				<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-30b 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>
	ETSI publication 22/08/2003	8 . 1 . 1							get it
	smg-31b 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
	GP-15 11/07/2003	8 . 9 . 0							get it

TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters								
R99	<i>current version:</i> 8.0.2		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-06				<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-31b 17/04/2000	8 . 0 . 0							based on 5.2.1
	start of OAP 24/05/2000	8 . 0 . 1							get it <i>remarks - general:</i>
	ETSI publication 10/10/2000	8 . 0 . 2							get it <i>remarks - this release:</i>
									get it

R99

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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

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ACTIVE specs R99 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06					
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	Upgrade to R99 19/04/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 12.04	Performance data measurements					
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06					
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	Upgrade to R99 19/04/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-16 28/06/2002 8 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06		<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	GP-09 06/05/2002 8 . 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.			
<hr/>						
TS 12.71	Location Services (LCS); Location services management					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-06		<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	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> TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.			
	draft 03/12/1999 0 . 0 . 3	get it				
	draft 22/12/1999 0 . 0 . 4	get it				
	draft 17/01/2000 0 . 0 . 5	get it				
	draft 22/05/2000 2 . 0 . 0	get it				
	draft 25/05/2000 2 . 0 . 1	get it				
	SP-08 21/06/2000 7 . 0 . 0	get it				
	SP-08 21/06/2000 8 . 0 . 0	get it				
	ETSI Publication 30/11/2000 8 . 0 . 1	get it				

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

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ACTIVE specs R99 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

R99 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

R99 *current version:* 3.12.0
freeze_meeting: SP-07

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

history (event, available, version, comments):

SP-05	13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999
SP-06	17/12/1999	2 . 0 . 0	get it	<i>remarks - this release:</i>	Specifications".
corrections		2 . 2 . 0			post SP-06
SP-07		2 . 3 . 0			SP-000037
SP-07		2 . 4 . 0			SP-000104
SP-07		2 . 5 . 0			
SP-07	17/03/2000	3 . 0 . 0	get it		
editorial	30/03/2000	3 . 0 . 1	get it		
post-SP-08	28/06/2000	3 . 1 . 0	get it		
SP-10	04/01/2001	3 . 2 . 0	get it		
SP-11	11/04/2001	3 . 3 . 0	get it		
SP-12	05/07/2001	3 . 4 . 0	get it		
SP-13	01/10/2001	3 . 5 . 0	get it		
SP-14	03/01/2002	3 . 6 . 0	get it		
SP-15	27/03/2002	3 . 7 . 0	get it		
SP-16	19/06/2002	3 . 8 . 0	get it		
SP-17	18/09/2002	3 . 9 . 0	get it		
SP-18	03/01/2003	3 . 10 . 0	get it		
SP-19	27/03/2003	3 . 11 . 0	get it		
SP-20	25/06/2003	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 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.111 USIM and IC card requirements

R99 *current version:* 3.4.0
freeze_meeting: SP-03
history (event, available, version, comments):
draft 16/10/1998 0 . 0 . 1
Transfer from smg9 04/03/1999 1 . 1 . 0
to T3
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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0
freeze_meeting: SP-03
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

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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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
history (event, available, version, comments):
TP-08 23/06/2000 3 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
G: *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Was formerly 21.910. Renumbered at TSG#7.
remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

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

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0

freeze_meeting: SP-03

history (event, available, version, 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

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:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0

freeze_meeting: SP-07

history (event, available, version, 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-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

WG (prime / other): T2 / - *rapporteur:* SOOD, Prem SHARP Corporation

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

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

TR 21.905 Vocabulary for 3GPP Specifications

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-07 *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:*
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TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
freeze_meeting: SP-08 *G:* U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03		0	1	0	
TP-04		0	2	0	
TP-05	08/10/1999	1	0	1	
TP-06	17/12/1999	1	3	2	
TP-07		2	0	0	
TP-08		2	1	0	
TP-08	15/03/2000	3	0	0	

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified 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)

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

TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0 *WG (prime / other):* N2 / - *rapporteur:* JURISIC, Andrijana
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:*

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	

remarks - general:
remarks - this release:

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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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ACTIVE specs 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	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</i>								
	SP-06	17/12/1999	3 . 0 . 0	aprvd with CRs	get it	<i>remarks - general:</i>	Transfer>TSG#5		
	SP-06	17/12/1999	3 . 1 . 0		get it	<i>remarks - this release:</i>			
	edito	18/01/2000	3 . 1 . 1		get it				
	SP-07	17/03/2000	3 . 2 . 0		get it				
<hr/>									
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-05	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	aprvd with CRs	get it	<i>remarks - general:</i>	Transfer>TSG#5		
	SP-06	17/12/1999	3 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-07	17/03/2000	3 . 2 . 0		get it				
	SP-12	27/06/2001	3 . 3 . 0		get it				
<hr/>									
TS 22.004	General on supplementary services								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-05	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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TS 22.011	Service accessibility								
R99	<i>current version:</i> 3.8.0								
	<i>freeze_meeting:</i> SP-05								
	<i>history (event, available, version, comments):</i>								
	txferd to 3GPP	01/06/2000	3 . 0 . 0						
	SP-05	30/10/1999	3 . 0 . 1	get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-06	17/12/1999	3 . 1 . 1	get it	<i>remarks - this release:</i>				
	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					
<hr/>									
TS 22.016	International Mobile Equipment Identities (IMEI)								
R99	<i>current version:</i> 3.3.0								
	<i>freeze_meeting:</i> SP-05								
	<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-08	28/06/2000	3 . 2 . 0	get it					
	SP-16	04/07/2002	3 . 3 . 0	get it					
<hr/>									
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
R99	<i>current version:</i> 3.2.1								
	<i>freeze_meeting:</i> SP-05								
	<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 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-16	19/06/2002	3 . 2 . 0	get it					
	edito post SP-16	24/06/2002	3 . 2 . 1	get it					
					difficulty in implementing CR				
					corrects change history				

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

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TS 22.024	Description of Charge Advice Information (CAI)								
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, 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	Technically identical to 02.31 v8.0.1.		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 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 acces; U = required in systems with UMTS access.

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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> 3.3.0	<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 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				
	SP-20 18/06/2003 3 . 3 . 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 access; U = required in systems with UMTS access.

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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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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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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	<i>G:</i> yes <i>U:</i> 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	<i>G:</i> yes <i>U:</i> 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	<i>G:</i> yes <i>U:</i> 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	<i>G:</i> yes <i>U:</i> 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	<i>G:</i> yes <i>U:</i> 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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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 2003-07-21 (Clayton): S1 have decided to <i>remarks - this release:</i> Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. scrap
02,94 R99 in favour of a common GSM/UMTS spec, 22.094.						
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.

3GPP specification status

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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

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
SP-03	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

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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TS 22.101 Service aspects; Service principles

R99 *current version:* 3.15.0

freeze_meeting: SP-03

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
SP-20	18/06/2003	3	.	14	.	0
SP-21	30/09/2003	3	.	15	.	0

WG (prime / other): S1 / - *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* CLAYTON, Michael

[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 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
smg-25	20/03/1998	3	.	0	.	0
smg-26	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

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

[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 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	G: yes U: yes		<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 1".				
					<i>remarks - this release:</i> SP-16: converted from TS to TR.				
	draft 04/04/1999	0 . 1 . 0		get it					
	SP-04 23/06/1999	3 . 0 . 0		get it					
	SP-05 13/10/1999	3 . 1 . 0		get it					
	SP-07 15/03/2000	3 . 2 . 0		get it					
	SP-08 28/06/2000	3 . 3 . 0		get it					
	SP-16 19/07/2002	3 . 3 . 1	Converted from TS to TR.	get it					
<hr/>									
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems								
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> SAMPSON, Nick	ORANGE PCS LTD				
	<i>freeze_meeting:</i> SP-03	G: yes U: yes		<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

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

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

[get it](#)

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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:*

[get it](#)

[get it](#)

TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0

freeze_meeting: SP-05

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, Emanuele TELECOM ITALIA S.p.A.
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
smg-25	20/03/1998	3	0	0
SP-03	23/04/1999	3	1	1

[get it](#) *remarks - general:*
remarks - this release: .
[get it](#)
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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
smg-25	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: .
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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: 3.13.0	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			
	NP-20 27/06/2003	3 . 12 . 0	get it			
	NP-21 09/10/2003	3 . 13 . 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 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
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

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

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

TS 23.008 Organisation of subscriber data

R99 *current version:* 3.8.0
freeze_meeting: SP-03
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
NP-20 27/06/2003 3 . 8 . 0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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:* 3.14.0

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	16/05/2000	3	.	2	.	1
beautified)						
NP-08	23/06/2000	3	.	3	.	0
NP-09	06/10/2000	3	.	4	.	0
NP-10	03/01/2001	3	.	5	.	0
NP-11	11/04/2001	3	.	6	.	0
NP-12	06/07/2001	3	.	7	.	0
NP-13	05/10/2001	3	.	8	.	0
NP-14	08/01/2002	3	.	9	.	0
NP-16	20/06/2002	3	.	10	.	0
NP-17	17/09/2002	3	.	11	.	0
NP-18	02/01/2003	3	.	12	.	0
NP-19	24/03/2003	3	.	13	.	0
NP-20	27/06/2003	3	.	14	.	0

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

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](#)

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 23.012 Location management procedures

R99 *current version:* 3.3.0
freeze_meeting: SP-03
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 05/06/2000 3 . 2 . 1
removed (error)
NP-08 23/06/2000 3 . 3 . 0

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

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

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

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

TS 23.016 Subscriber data management; Stage 2

R99 *current version:* 3.9.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

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-11	30/03/2001	3	.	7	.	0
NP-15	28/03/2002	3	.	8	.	0
NP-17	17/09/2002	3	.	9	.	0

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

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TS 23.018 Basic Call Handling; Technical realization

R99 *current version:* 3.12.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

G: yes U: yes *MCC:* Chalmers
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	25/10/2000	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
NP-12	04/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	16/01/2002	3	.	10	.	0
NP-15	28/03/2002	3	.	11	.	0
NP-19	04/04/2003	3	.	12	.	0

[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 23.031	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					
		<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 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	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<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 10/01/2003 3 . 2 . 1		get it			
	correct figures					

TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> 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>		
	NP-05 13/10/1999 3 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-06 17/12/1999 3 . 1 . 1		get it			
	NP-07 15/03/2000 3 . 2 . 0		get it			
	NP-10 02/01/2001 3 . 3 . 0		get it			

TS 23.035	Immediate Service Termination (IST); Stage 2					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-16					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, 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.	

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 23.038 Alphabets and language-specific information

R99 *current version:* 3.3.0

freeze_meeting: SP-04

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

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

history (event, available, version, comments):

TP-03 28/04/1999 1 . 0 . 0

TP-04 23/06/1999 3 . 1 . 0

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

[get it](#) *remarks - this release:* additional CR for R99 on SMS enhanced message content expected at TSG-T#7. No, evidently not.

TP-05 08/10/1999 3 . 2 . 0

[get it](#)

TP-06 17/12/1999 3 . 3 . 0

[get it](#)

TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R99 *current version:* 3.2.0

freeze_meeting: SP-04

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

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

history (event, available, version, comments):

TP-03 28/04/1999 1 . 0 . 0

TP-04 23/06/1999 3 . 0 . 0

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

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

TP-06 completed 17/12/1999 3 . 1 . 0

[get it](#)

TP-09 04/10/2000 3 . 2 . 0

[get it](#)

TS 23.040 Technical realization of Short Message Service (SMS)

R99 *current version:* 3.10.0

freeze_meeting: SP-04

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

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

history (event, available, version, 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

TP-20 25/06/2003 3 . 10 . 0

[get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.

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

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-05 *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> Transfer>TSG#4
TP-05	08/10/1999	3	0	0	get it <i>remarks - this release:</i>
TP-06	17/12/1999	3	1	0	get it
TP-07 completion target	15/03/2000	3	2	0	get it
TP-09	11/10/2000	3	3	0	get it
TP-12	04/07/2001	3	4	0	get it
TP-16	25/06/2002	3	5	0	get it

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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> 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.
TP-06	17/12/1999	3	1	0	get it test vectors provided 23/01/200

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	14/10/2003	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 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

R99 *current version:* 3.15.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, 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	
SP-20	20/06/2003	3 . 15 . 0	get it	

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	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
NP-07	15/03/2000	3 . 2 . 0	get it	<i>remarks - this release:</i>
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	<i>remarks - general:</i>
NP-07	15/03/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>
NP-10	21/12/2000	3 . 2 . 0	get it	
NP-12	27/06/2001	3 . 3 . 0	get it	

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 *current version:* 3.3.0

freeze_meeting: SP-03

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: CONRAD, Alan

MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

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

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

[get it](#)

[get it](#)

TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 *current version:* 3.18.0

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	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	09/10/2000	3	.	6	.	0
NP-10	04/01/2001	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	29/06/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	04/01/2002	3	.	11	.	0
NP-15	19/03/2002	3	.	12	.	0
NP-16	17/06/2002	3	.	13	.	0
NP-17	17/09/2002	3	.	14	.	0
NP-18	18/12/2002	3	.	15	.	0
NP-19	25/03/2003	3	.	16	.	0
NP-20	23/06/2003	3	.	17	.	0
NP-21	29/09/2003	3	.	18	.	0

WG (prime / other): N2 / -

G: yes U: yes

rapporteur: HOMANN, Christian

MCC: JURISIC, Andrijana

ALCATEL SEL AG

[get it](#) *remarks - general:* CR at TSG#4, CR at TSG#5

[get it](#) *remarks - this release:* Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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	get it	<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5
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	26/10/2000	3	.	6	.	0	get it		
NP-16	21/06/2002	3	.	7	.	0	get it		
NP-18	07/01/2003	3	.	8	.	0	get it		

TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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-08	23/06/2000	3	.	1	.	0	get it		
NP-17	24/09/2002	3	.	2	.	0	get it		

TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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-07	15/03/2000	3	.	2	.	0	get it		
NP-08	23/06/2000	3	.	3	.	0	get it		
NP-09	26/10/2000	3	.	4	.	0	get it		
NP-10	21/12/2000	3	.	5	.	0	get it		
NP-12	27/06/2001	3	.	6	.	0	get it		
NP-16	21/06/2002	3	.	7	.	0	get it		

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

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ACTIVE specs R99 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

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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-09 26/10/2000 3 . 2 . 0 [get it](#)

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

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

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

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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	<i>G: yes U: yes</i>	<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					<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	<i>G: yes U: yes</i>	<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	
<hr/>						
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<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-06 17/12/1999 3 . 1 . 0				get it	<i>remarks - this release:</i>
	NP-09 26/10/2000 3 . 2 . 0				get it	
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) 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	<i>G: yes U: yes</i>	<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-06 17/12/1999 3 . 1 . 0				get it	<i>remarks - this release:</i>
	ETSI Publication 07/11/2000 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 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-09 26/10/2000 3 . 2 . 0	get it					
<hr/>							
TS 23.094	Follow Me Stage 2						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-06 17/12/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
	NP-07 15/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i> Transfer>TSG#6.				
	NP-09 26/10/2000 3 . 2 . 0	get it					
<hr/>							
TS 23.096	Name Identification Supplementary Service; Stage 2						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, 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> .				
<hr/>							
TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2						
R99	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-07 15/03/2000 3 . 1 . 1	get it					

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.110 UMTS Access Stratum Services and Functions

R99 *current version:* 3.4.0

freeze_meeting: SP-07

WG (prime / other): S2 / - *rapporteur:* LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND

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

history (event, available, version, comments):

draft	15/02/1997	0	. 3	. 0
Transfer to SP S2	04/03/1999	0	. 3	. 1
SP-03	23/04/1999	3	. 1	. 0
SP-05	13/10/1999	3	. 2	. 0
SP-06	17/12/1999	3	. 3	. 0
SP-07	15/03/2000	3	. 4	. 0

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

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

[get it](#)

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TS 23.116 Super-Charger technical realization; Stage 2

R99 *current version:* 3.2.0

freeze_meeting: SP-07

WG (prime / other): N4 / - *rapporteur:* ALLEN, Nicholas

Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-04	30/04/1999	0	. 0	. 0
NP-06	17/12/1999	1	. 0	. 0
NP-07	15/03/2000	3	. 0	. 0
NP-12	27/06/2001	3	. 1	. 0
NP-14	10/01/2002	3	. 2	. 0

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

New after TSG#5

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

[get it](#)

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[get it](#)

TS 23.119 Gateway Location Register (GLR); Stage2

R99 *current version:* 3.0.0

freeze_meeting: SP-07

WG (prime / other): N4 / -

rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.

G: yes U: yes

MCC: KYMALAINEN, Kimmo

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

[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

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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 23.121 Architectural requirements for Release 1999

R99 *current version:* 3.6.0

freeze_meeting: SP-04

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):

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

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remarks - general:

[get it](#)

remarks - this release:

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

R99 *current version:* 3.10.0

freeze_meeting: SP-03

WG (prime / other): N1 / -

rapporteur: HIETALAHTI, Hannu NOKIA Corporation

G: *U:* yes

MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
editorial correction	10/02/2000	3	.	1	.	1
NP-07	15/03/2000	3	.	2	.	0
NP-08	23/06/2000	3	.	3	.	0
NP-09	06/10/2000	3	.	4	.	0
edito	24/10/2000	3	.	4	.	1
edito	02/11/2000	3	.	4	.	2
NP-10	02/01/2001	3	.	5	.	0
NP-11	11/04/2001	3	.	6	.	0
NP-12	05/07/2001	3	.	7	.	0
NP-17	17/09/2002	3	.	8	.	0
NP-18	18/12/2002	3	.	9	.	0
NP-21	10/10/2003	3	.	10	.	0

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remarks - general:

[get it](#)

remarks - this release: Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo erroneously incorporated CR.

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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 23.127 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		<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		

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>	2003-12-03: Note that this spec also contains stage 3.
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		
Editorial	15/03/2000	3 . 0 . 1	get it		
TP-16	24/06/2002	3 . 1 . 0	get it		

G = required in systems with GERAN 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 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

R99 *current version:* 3.10.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-05	13/10/1999	1	.	0	.	0	
SP-06	17/12/1999	1	.	1	.	0	
SP-07		2	.	0	.	0	SP-000090
SP-07	15/03/2000	3	.	0	.	0	
SP-08	28/06/2000	3	.	1	.	0	
SP-10	21/12/2000	3	.	2	.	0	
SP-11	11/04/2001	3	.	3	.	0	
SP-12	29/06/2001	3	.	4	.	0	
SP-13	15/10/2001	3	.	5	.	0	
SP-14	07/01/2002	3	.	6	.	0	
SP-15	29/03/2002	3	.	7	.	0	
SP-16	18/06/2002	3	.	8	.	0	
SP-17	24/09/2002	3	.	9	.	0	
SP-20	23/06/2003	3	.	10	.	0	

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	
NP-06	17/12/1999	3	.	0	.	0	
editorial (!)	24/01/2000	3	.	1	.	0	

remarks - general: New after TSG#5
remarks - this release: TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.

TR 23.908 Technical report on Pre-Paging

R99 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	23/04/1999	0	.	0	.	0	
NP-04	23/06/1999	3	.	0	.	0	
edito	02/05/2000	3	.	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 R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.909	Technical report on the Gateway Location Register				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
<i>history (event, available, version, 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		
<hr/>					
TR 23.910	Circuit switched data bearer services				
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07	G: U: yes	MCC:	BOSWARTHICK, David	
<i>history (event, available, version, 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		
<hr/>					
TR 23.911	Technical report on Out-of-band transcoder control				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	MCC:	KYMALAINEN, Kimmo	
<i>history (event, available, version, 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		

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 23.912	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:</i> yes <i>U:</i> yes	<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		

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:</i> yes <i>U:</i> yes	<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		

TR 23.930	Iu Principles					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> AXERUD, Bo		NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i> SP-04		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	Table of Contents	15/11/1997	0 . 1 . 1	get it	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i>	
	First complete draft	01/04/1999	1 . 0 . 0	get it		
	SP-03	23/04/1999	1 . 2 . 1	get it		
	SP-04	23/06/1999	3 . 0 . 0	get it		

G = required in systems with GERAN 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 23.972 Circuit switched multimedia telephony

R99 *current version:* 3.0.0

freeze_meeting: SP-07

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

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

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

[get it](#) *remarks - general:* New after TSG#5. Minor title change TSG#7.

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

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R99

24 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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

R99 *current version:* 3.1.1

freeze_meeting: SP-07

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov

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

history (event, available, version, comments):

NP-07	17/03/2000	3	.	0	.	0
NP-10	02/01/2001	3	.	1	.	0
correction of typo on cover page	02/06/2003	3	.	1	.	1

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

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

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

transfer from SMG 3 . 0 . 0 not available

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

remarks - general: Transfer>TSG#4,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 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:* 3.17.0 *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>
NP-04	23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>
NP-05	13/10/1999	3 . 1 . 0	get it	
NP-06	27/12/1999	3 . 2 . 0	get it	
editorial correction	04/01/2000	3 . 2 . 1	get it	
NP-07	15/03/2000	3 . 3 . 0	get it	
edito	25/04/2000	3 . 3 . 1	get it	
NP-08	23/06/2000	3 . 4 . 0	get it	
Editorial	23/06/2000	3 . 4 . 1	get it	
NP-09	06/10/2000	3 . 5 . 0	get it	
NP-10	03/01/2001	3 . 6 . 0	get it	
NP-11	06/04/2001	3 . 7 . 0	get it	
edito	06/07/2001	3 . 7 . 1	get it	
NP-12	13/07/2001	3 . 8 . 0	get it	
NP-13	03/10/2001	3 . 9 . 0	get it	
NP-14	11/01/2002	3 . 10 . 0	get it	
NP-15	22/03/2002	3 . 11 . 0	get it	
NP-16	24/06/2002	3 . 12 . 0	get it	
NP-17	17/09/2002	3 . 13 . 0	get it	
NP-18	02/01/2003	3 . 14 . 0	get it	
NP-19	24/03/2003	3 . 15 . 0	get it	
NP-20	27/06/2003	3 . 16 . 0	get it	
NP-21	10/10/2003	3 . 17 . 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
NP-06	17/12/1999	3	.	1	.	0
NP-07	15/03/2000	3	.	2	.	0
NP-08	23/06/2000	3	.	3	.	0
NP-09	06/10/2000	3	.	4	.	0
NP-10	02/01/2001	3	.	5	.	0
NP-11	06/04/2001	3	.	6	.	0

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

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

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

R99 *current version:* 3.5.0 *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
NP-05	13/10/1999	3	.	1	.	0
NP-06	11/01/2000	3	.	2	.	0
NP-08	23/06/2000	3	.	3	.	0
edito	17/08/2000	3	.	3	.	1
NP-09	12/10/2000	3	.	4	.	0
NP-20	23/06/2003	3	.	5	.	0

[get it](#) *remarks - general:* CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[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
NP-08	23/06/2000	3	.	1	.	0
NP-12	27/06/2001	3	.	2	.	0
NP-14	10/01/2002	3	.	3	.	0

[get it](#) *remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.

[get it](#) *remarks - this release:* TSG#7:Decision to create.

[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 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	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<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-10 21/12/2000 3 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-12 27/06/2001 3 . 2 . 0		get it			
<hr/>						
TS 24.072	Call Deflection 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 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
R99	<i>current version:</i> 3.7.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 23/04/1999 3 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-06 17/12/1999 3 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-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			
	editorial 09/10/2003 3 . 7 . 1		get it			
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
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>		
	NP-08 23/06/2000 3 . 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 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 (MPY) 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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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 24.096 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:*
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R99

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 R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

R99 current version: 3.15.0

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
RP-19	04/04/2003	3	.	13	.	0
RP-20	27/06/2003	3	.	14	.	0
RP-21	10/10/2003	3	.	15	.	0

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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 25.102 User Equipment (UE) radio transmission and reception (TDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-05

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

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

[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 25.104 Base Station (BS) radio transmission and reception (FDD)

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
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	13/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-18	10/01/2003	3	.	11	.	0
RP-19	04/04/2003	3	.	12	.	0

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

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

R99 *current version:* 3.13.0

freeze_meeting: SP-05

WG (prime / other): R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG

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

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
RP-19	04/04/2003	3	.	13	.	0

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

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

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

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 25.123 Requirements for support of radio resource management (TDD)

R99 *current version:* 3.13.0 *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	
RP-19	04/04/2003	3 . 12 . 0	get it	
RP-20	01/07/2003	3 . 13 . 0	get it	

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

3GPP specification status

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04 December 2003 12:02:20

ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.15.0 *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
RP-07	17/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	18/10/2000	3	.	3	.	0
RP-10	09/01/2001	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	17/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19	04/04/2003	3	.	13	.	0
RP-20	01/07/2003	3	.	14	.	0
RP-21	10/10/2003	3	.	15	.	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 R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base Station (BS) conformance testing (FDD)

R99 current version: 3.13.0

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
RP-19	04/04/2003	3	13	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.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base Station (BS) conformance testing (TDD)

R99 *current version:* 3.13.0

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
RP-19	04/04/2003	3	.	13	.	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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[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 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	NEC EUROPE LTD
	<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.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.212 Multiplexing and channel coding (FDD)

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	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-12	28/06/2001	3	.	6	.	0
RP-13	08/10/2001	3	.	7	.	0
RP-14	09/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	28/06/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (*prime / other*): R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited
G: U: yes *MCC:* SASAKI, Tsukasa

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remarks - this release:

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TS 25.213 Spreading and modulation (FDD)

R99 *current version:* 3.8.0

freeze_meeting: SP-05

history (event, available, version, 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

WG (*prime / other*): R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG
G: U: yes *MCC:* SASAKI, Tsukasa

[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 25.214 Physical layer procedures (FDD)

R99 *current version:* 3.12.0

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
RP-19	04/04/2003	3	.	12	.	0

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

TS 25.215 Physical layer; Measurements (FDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-05

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
RP-20	27/06/2003	3	.	12	.	0

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

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	<i>current version:</i> 3.11.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Panasonic Mobile Communications Co.,Ltd.
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version, comments):</i>						
Table of Contents	04/02/1999	0	.	0	.	0
and Scope				get it	<i>remarks - general:</i>	
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

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

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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

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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 R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.13.0

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
RP-21	29/09/2003	3	.	13	.	0

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

[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 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.12.0

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
RP-20	27/06/2003	3	.	12	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

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

TS 25.301 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 / -

G: U: yes

rapporteur: GRANZOW, Wolfgang

MCC: ARZELIER, Claude

ERICSSON Eurolab Deutschland GmbH

[get it](#) *remarks - general:*
[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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04 December 2003 12:02:24

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:* 3.16.0

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
RP-21	02/10/2003	3	16	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?

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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04 December 2003 12:02:24

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.

3GPP specification status

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04 December 2003 12:02:25

ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

R99 *current version:* 3.13.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

Start of work	15/01/1999	0	. 1	. 1	
RP-03	23/04/1999	1	. 0	. 0	get it <i>remarks - general:</i>
RP-04	23/06/1999	1	. 2	. 0	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	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
RP-20	25/06/2003	3	. 13	. 0	get it

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 *current version:* 3.10.0 *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	
RP-06	17/12/1999	3	. 0	. 0	get it <i>remarks - general:</i> Created from 25.923
RP-07	15/03/2000	3	. 1	. 0	get it <i>remarks - this release:</i>
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
RP-20	20/06/2003	3	. 9	. 0	get it
RP-21	02/10/2003	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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04 December 2003 12:02:25

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:* 3.9.0 *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	
RP-20	20/06/2003	3	.	8	.	0	
RP-21	02/10/2003	3	.	9	.	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!
RP-14	04/01/2002	3	.	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

[get it](#)

[get it](#)

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

3GPP specification status

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04 December 2003 12:02:26

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:* 3.16.0

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
RP-19	25/03/2003	3	14	0
RP-20	20/06/2003	3	15	0
RP-21	02/10/2003	3	16	0

WG (*prime / other*): R2 / -

G: U: yes

rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION

MCC: ARZELIER, Claude

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remarks - general:

remarks - this release:

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

G: *U:* yes

rapporteur: HANS, Martin

MCC: ARZELIER, Claude

SIEMENS AG

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

TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.7.0

freeze_meeting: SP-06

history (event, available, version, 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
RP-19	25/03/2003	3	.	7	.	0

WG (prime / other): R2 / -

G: *U:* yes

rapporteur: HARTL, Mike

MCC: ARZELIER, Claude

Vodafone D2 GmbH

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

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

3GPP specification status

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04 December 2003 12:02:27

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:* 3.16.0

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
RP-19	25/03/2003	3	14	0
RP-20	20/06/2003	3	15	0
RP-21	02/10/2003	3	16	0

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

[get it](#) *remarks - general:*
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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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04 December 2003 12:02:27

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
history (event, available, version, comments):
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
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

WG (prime / other): R3 / - *rapporteur:* GODIN, Philippe
G: U: yes MCC: KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

[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
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

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter
G: U: yes MCC: KRAUSE, Joern

SIEMENS AG

[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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04 December 2003 12:02:27

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:* IYER, Subramanian S. MOTOROLA A/S

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:* KUNZ, Walter 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

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

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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 lu 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:* NG, Cheng Hock

NEC Corporation

G: *U:* yes

MCC: KRAUSE, Joern

[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.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

R99 current version: 3.14.0

WG (prime / other): R3 / -

rapporteur: GUYOT, Olivier

NOKIA Corporation

freeze_meeting: SP-06

G: U: yes

MCC: KRAUSE, Joern

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
RP-20	17/06/2003	3	.	13	.	0
RP-21	30/09/2003	3	.	14	.	0

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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 25.414 UTRAN lu interface data transport & transport signalling

R99 *current version:* 3.13.0

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
RP-19	26/03/2003	3	.	13	.	0

WG (*prime / other*): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS 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

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

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: U: yes *MCC:* KRAUSE, Joern

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

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G = required in systems with GERAN 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 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 *current version:* 3.11.0 *WG (prime / other):* R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
freeze_meeting: SP-07 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-06	17/12/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
RP-07		2 . 0 . 0		<i>remarks - this release:</i>
RP-07	15/03/2000	3 . 0 . 0	get it	
RP-08	23/06/2000	3 . 1 . 0	get it	
RP-09	05/10/2000	3 . 2 . 0	get it	
RP-10	21/12/2000	3 . 3 . 0	get it	
RP-11	06/04/2001	3 . 4 . 0	get it	
RP-12	06/07/2001	3 . 5 . 0	get it	
RP-13	12/10/2001	3 . 6 . 0	get it	
RP-14	11/01/2002	3 . 7 . 0	get it	
RP-15	02/04/2002	3 . 8 . 0	get it	
RP-16	28/06/2002	3 . 9 . 0	get it	
RP-17	30/09/2002	3 . 10 . 0	get it	
RP-20	17/06/2003	3 . 11 . 0	get it	

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0 *WG (prime / other):* R3 / - *rapporteur:* MIAH, Babul Lucent Technologies Network Systems UK
freeze_meeting: SP-06 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-03	23/04/1999	0 . 1 . 0	get it	<i>remarks - general:</i>
RP-04	23/06/1999	0 . 1 . 3	get it	<i>remarks - this release:</i>
RP-05	13/10/1999	1 . 0 . 1	get it	
RP-06	12/12/1999	3 . 0 . 0	get it	
RP-07	15/03/2000	3 . 1 . 0	get it	
RP-09	05/10/2000	3 . 2 . 0	get it	
RP-11	05/04/2001	3 . 3 . 0	get it	
RP-14	11/01/2002	3 . 4 . 0	get it	
RP-15	02/04/2002	3 . 5 . 0	get it	

G = required in systems with GERAN 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 25.421	UTRAN Iur interface Layer 1					
R99	current version: 3.1.0	WG (prime / other):	R3 / -	rapporteur:	KUNZ, Walter	SIEMENS AG
	freeze_meeting: SP-04	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version, comments):					
	RP-03 23/04/1999			get it	remarks - general:	
	RP-04 23/06/1999			get it	remarks - this release:	
	RP-11 06/04/2001			get it		

TS 25.422	UTRAN Iur interface signalling transport					
R99	current version: 3.6.1	WG (prime / other):	R3 / -	rapporteur:	MIAH, Babul	Lucent Technologies Network Systems UK
	freeze_meeting: SP-04	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version, comments):					
	WG approval 19/03/1999			get it	remarks - general:	
	RP-03 23/04/1999			get it	remarks - this release:	
	RP-04 23/06/1999			get it		
	RP-05 13/10/1999			get it		
	RP-06 12/12/1999			get it		
	RP-07 15/03/2000			get it		
	RP-08 23/06/2000			get it		
	edito 05/10/2000			get it		
	RP-10 21/12/2000			get it		
	RP-14 11/01/2002			get it		
	edito post RP-14 02/04/2002			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 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

R99 current version: 3.14.0

WG (prime / other): R3 / -

rapporteur: ERICSSON, Ingela

Telefon AB LM Ericsson

freeze_meeting: SP-06

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
RP-19	26/03/2003	3	.	13	.	0
RP-21	30/09/2003	3	.	14	.	0

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

TS 25.424 UTRAN Iur 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 Iur 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: HAKULI, Tuomas NOKIA Corporation

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:* KOIZUMI, Yoshiko Fujitsu 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

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TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: *U:* yes *MCC:* 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

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TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
G: *U:* yes *MCC:* 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

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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 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.14.0

freeze_meeting: SP-06

history (event, available, version, comments):

WG (prime / other): R3 / - rapporteur: SEHEDIC, Yann
G: U: yes MCC: KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16	19/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19	31/03/2003	3	.	13	.	0
RP-21	30/09/2003	3	.	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 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB
freeze_meeting: SP-04 *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	get it	<i>remarks - general:</i>
RP-04	23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>
RP-05	13/10/1999	3 . 1 . 0	get it	
RP-07	15/03/2000	3 . 2 . 0	get it	
RP-09	05/10/2000	3 . 3 . 0	get it	
RP-10	21/12/2000	3 . 4 . 0	get it	
RP-11	06/04/2001	3 . 5 . 0	get it	
RP-14	11/01/2002	3 . 6 . 0	get it	
RP-15	02/04/2002	3 . 7 . 0	get it	
RP-16	28/06/2002	3 . 8 . 0	get it	

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99 *current version:* 3.10.0 *WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)
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	<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	

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 25.442	UTRAN implementation-specific O&M transport					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAUSER, Alexander	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i>	
	RP-03 23/04/1999	0 . 0 . 0		get it	<i>remarks - this release:</i>	
	RP-04 23/06/1999	0 . 0 . 2		get it		
	RP-05 13/10/1999	3 . 0 . 0		get it		
	RP-07 15/03/2000	3 . 1 . 0		get it		

TR 25.832	Manifestations of Handover and SRNS relocation					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc	
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i>	
	First complete draft 04/03/1999	0 . 0 . 0		get it	<i>remarks - this release:</i> .	
	WG approval 19/03/1999	1 . 0 . 0		get it		
	RP-03 23/04/1999	2 . 0 . 0		get it		
	RP-04 23/06/1999	2 . 1 . 1		get it		
	RP-05 13/10/1999	3 . 0 . 0		get it		

TR 25.833	Physical layer items not for inclusion in Release 99					
R99	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-06		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa	
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i> Created Jan 2000 (aka R1.03)	
	RP-08 12/01/2001	1 . 1 . 0			<i>remarks - this release:</i> 2003-11-28: WG Chairman intends that this be brought under change control at	
	RP-22	2 . 0 . 0				

TR 25.853	Delay budget within the access stratum					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VON BRANDT, Armin	SIEMENS AG	
	<i>freeze_meeting:</i> RP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.	
	draft 06/04/2001	0 . 0 . 0		get it	<i>remarks - this release:</i> TSG#10:3.0.0 (is evidently R99 not Rel-4)	
	RP-10 22/12/2000	3 . 0 . 0		get it		
	RP-11 06/04/2001	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 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> 3.9.0	<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	
RP-21	02/10/2003	3 . 9 . 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 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 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 25.925 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 *current version:* 3.1.0
freeze_meeting: RP-06
history (event, available, version, comments):

RP-03	23/04/1999	0	0	1	
RP-04	23/06/1999	1	0	0	get it <i>remarks - general:</i>
RP-05	13/10/1999	3	0	0	get it <i>remarks - this release:</i>
RP-06	17/12/1999	3	1	0	get it

WG (prime / other): R4 / - *rapporteur:* TAKAMI, Tadao NTT DoCoMo Inc
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

TR 25.942 RF system scenarios
R99 *current version:* 3.3.0
freeze_meeting: SP-11
history (event, available, version, comments):

RP-03	23/04/1999	0	0	2	
RP-04	23/06/1999	1	0	0	get it <i>remarks - general:</i> Additional rapporteur = A.De Pasquale.
RP-05	13/10/1999	2	0	0	get it <i>remarks - this release:</i>
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

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V.
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

TR 25.944 Channel coding and multiplexing examples
R99 *current version:* 3.5.0
freeze_meeting: SP-07
history (event, available, version, comments):

editor's draft	25/11/1999	0	0	1	
R1-09	15/12/1999	1	0	0	get it <i>remarks - general:</i> Created Jan 2000 (aka R1.04)
RP-07	16/03/2000	3	0	0	get it <i>remarks - this release:</i>
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

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
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 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):
0 . 0 . 0
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 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 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, 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](#)
SP-19 04/04/2003 3 . 4 . 0 [get it](#)

TS 26.103 Speech codec list for GSM and UMTS

R99 *current version:* 3.2.0 *WG (prime / other):* S4 / - *rapporteur:* HELLWIG, Karl Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, 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](#)

TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.5.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-07 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, 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](#)
SP-19 04/04/2003 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 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](#)

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](#)

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> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC: USAI, Paolino			
	<i>history (event, available, version, 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			
	SP-19 04/04/2003	3 . 4 . 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 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

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: 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

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

R99 *current version:* 3.13.0 *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 . 2 . 0	get it	<i>remarks - this release:</i>
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	23/10/2000	3 . 6 . 0	get it	
NP-10	04/01/2001	3 . 7 . 0	get it	
NP-11	05/04/2001	3 . 8 . 0	get it	
NP-12	04/07/2001	3 . 9 . 0	get it	
NP-13	10/10/2001	3 . 10 . 0	get it	
NP-17	17/09/2002	3 . 11 . 0	get it	
NP-20	25/06/2003	3 . 12 . 0	get it	
NP-21	01/10/2003	3 . 13 . 0	get it	

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	

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 27.003 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 Research In Motion 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

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

R99 *current version:* 3.13.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
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	1	0	get it <i>remarks - this release:</i>
TP-05	08/10/1999	3	2	0	get it
TP-06	17/12/1999	3	3	0	get it
TP-07	15/03/2000	3	4	0	get it
TP-08	23/06/2000	3	5	0	get it
TP-09	11/10/2000	3	6	0	get it
TP-10	04/01/2001	3	7	0	get it
TP-11	06/04/2001	3	8	0	get it
TP-12	04/07/2001	3	9	0	get it
TP-14	11/01/2002	3	10	0	get it
TP-15	29/03/2002	3	11	0	get it
TP-18	20/12/2002	3	12	0	get it
TP-19	31/03/2003	3	13	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
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TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
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	1	0	get it	<i>remarks - this release:</i>
TP-05	08/10/1999	3	2	0	get it	
TP-07	15/03/2000	3	3	0	get it	
TP-15	25/03/2002	3	4	0	get it	

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

R99 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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	
NP-20	23/06/2003	3	8	0	get it	

TS 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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.

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

TR 27.901 Report on Terminal Interfaces - An Overview

R99 *current version:* 3.1.0

freeze_meeting: SP-06

history (event, available, version, comments):

TP-03 23/04/1999 0 . 0 . 1

TP-04 18/06/1999 1 . 0 . 0

TP-05 08/10/1999 1 . 0 . 1

TP-06 completed 17/12/1999 3 . 0 . 0

TP-15 26/03/2002 3 . 1 . 0

WG (prime / other): T2 / - *rapporteur:* REX, Thomas ERICSSON MOBILE COMMUNICATIONS AB

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

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

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

[get it](#)

[get it](#)

[get it](#)

TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0

freeze_meeting: SP-05

history (event, available, version, comments):

TP-03 23/04/1999 0 . 0 . 0

TP-05 08/10/1999 3 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.

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

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

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

[get it](#)

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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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 *current version:* 3.18.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

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

history (event, available, version, 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	17/12/1999	3 . 3 . 0	get it	
edito	31/01/2000	3 . 3 . 1	get it	
NP-07	15/03/2000	3 . 4 . 0	get it	
NP-08	23/06/2000	3 . 5 . 0	get it	
edito	04/08/2000	3 . 5 . 1	get it	
edito	10/08/2000	3 . 5 . 2	get it	
NP-09	26/10/2000	3 . 6 . 0	get it	
NP-10	20/12/2000	3 . 7 . 0	get it	
edito	02/01/2001	3 . 7 . 1	get it	
edito to make	31/01/2001	3 . 7 . 2	get it	
figures legible				
NP-11	06/04/2001	3 . 8 . 0	get it	
NP-12	06/07/2001	3 . 9 . 0	get it	
NP-13	03/10/2001	3 . 10 . 0	get it	
NP-14	18/01/2002	3 . 11 . 0	get it	
NP-15	04/04/2002	3 . 12 . 0	get it	
NP-16	21/06/2002	3 . 13 . 0	get it	
NP-17	24/09/2002	3 . 14 . 0	get it	
NP-18	09/01/2003	3 . 15 . 0	get it	
NP-19	07/04/2003	3 . 16 . 0	get it	
NP-20	04/07/2003	3 . 17 . 0	get it	delayed availability due to complexity of changes
NP-21	09/10/2003	3 . 18 . 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 29.007	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> 3.13.0
	<i>freeze_meeting:</i> SP-03
	<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
	NP-20 23/06/2003 3 . 12 . 0 get it
	NP-21 01/10/2003 3 . 13 . 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)
TeliaSonera AB	3.11.0WG (<i>prime / other</i>): N4 /- <i>rapporteur:</i> KYMALAINEN, Kimmo
	<i>freeze_meeting:</i> SP-05
	<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
	NP-20 27/06/2003 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 29.011 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:* 3.11.0
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
NP-21 10/10/2003 3 . 11 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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 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	<i>current version:</i> 3.17.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<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-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	
	NP-19	04/04/2003	3 . 16 . 0	get it	
	NP-20	27/06/2003	3 . 17 . 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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)				
R99	current version: 3.13.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna MOTOROLA Ltd
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David
<i>history (event, available, version, comments):</i>					
NP-03	23/04/1999	3 . 0 . 0	get it	remarks - general:	Former title: "General Packet Radio Service (GPRS); Interworking between the Public
NP-04	23/06/1999	3 . 1 . 0	get it	remarks - this release:	Land Mobile Network (PLMN) supporting GPRS and Packet".
NP-06	15/12/1999	3 . 2 . 0	get it		
NP-07	15/03/2000	3 . 3 . 0	get it		
NP-09	12/10/2000	3 . 4 . 0	get it		
NP-11	06/04/2001	3 . 5 . 0	get it		
NP-12	28/06/2001	3 . 6 . 0	get it		
NP-13	12/10/2001	3 . 7 . 0	get it		
NP-14	14/01/2002	3 . 8 . 0	get it		
NP-15	20/03/2002	3 . 9 . 0	get it		
NP-16	03/07/2002	3 . 10 . 0	get it		
NP-18	09/01/2003	3 . 11 . 0	get it		
NP-19	27/03/2003	3 . 12 . 0	get it		
NP-20	23/06/2003	3 . 13 . 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 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	<i>current version:</i> 3.15.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, 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	
	NP-19	25/03/2003	3 . 15 . 0	get it	

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
<i>history (event, available, version, 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	
	RP-19	26/03/2003	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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: AIKAWA, Shinichiro	Fujitsu Limited		
	freeze_meeting: SP-07	G: U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	NP-04 27/05/1999 0 . 0 . 0	get it	remarks - general: New after TSG#5			
	NP-06 15/12/1999 1 . 0 . 0	get it	remarks - this release:			
	NP-07 15/03/2000 3 . 0 . 0	get it				

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3					
R99	current version: 3.1.0	WG (prime / other): N4 / -	rapporteur: MITAMURA, Kazuo	NTT COMWARE Corporation		
	freeze_meeting: SP-07	G: U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	NP-04 27/05/1999 0 . 0 . 0	get it	remarks - general: New after TSG#5			
	NP-06 15/12/1999 1 . 0 . 0	get it	remarks - this release:			
	NP-07 15/03/2000 3 . 0 . 0	get it				
	NP-09 25/10/2000 3 . 1 . 0	get it				

TS 29.198	Open Service Architecture (OSA) Application Programming Interface (API) - Part 1					
R99	current version: 3.4.0	WG (prime / other): N5 / -	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting: SP-08	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version, comments):					
	NP-07 13/03/2000 1 . 0 . 0	get it	remarks - general: OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.			
	NP-08 23/06/2000 3 . 0 . 0	get it	remarks - this release:			
	NP-09 09/10/2000 3 . 1 . 0	get it				
	NP-10 03/01/2001 3 . 2 . 0	get it				
	NP-11 28/03/2001 3 . 3 . 0	get it				
	NP-12 29/06/2001 3 . 4 . 0	get it				

TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults					
R99	current version: 3.0.1	WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels Peter	MOTOROLA A/S		
	freeze_meeting: SP-06	G: yes U: yes	Skov			
	history (event, available, version, comments):		MCC: JORGENSEN, Per Johan			
	NP-16 26/06/2002 3 . 0 . 0	get it	remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to			
	edito post NP-18 16/12/2002 3 . 0 . 1	get it	remarks - this release: . latest Release version.			
			minor editorials to change style from TS to TR.			

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

TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0

freeze_meeting: SP-08

WG (prime / other): N5 / - *rapporteur:* ABARCA, Chelo

ALCATEL S.A.

G: *U:* yes

MCC: ZOICAS, Adrian

history (event, available, version, comments):

NP-07 13/03/2000 1 . 0 . 0

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

NP-08 23/06/2000 3 . 0 . 0

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

NP-09 08/10/2000 3 . 1 . 0

[get it](#)

NP-10 03/01/2001 3 . 2 . 0

[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

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.

TP-04 23/06/1999 0 . 5 . 0

[get it](#) *remarks - this release:* TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list.

TP-05 08/10/1999 1 . 0 . 0

Sanders, May 2001: no, not withdrawn. So re-instated.

TP-06 17/12/1999 3 . 0 . 0

[get it](#)

TP-07 15/03/2000 3 . 1 . 0

completion target

[get it](#)

TP-08 06/02/2000 3 . 2 . 0

[get it](#)

TP-09 18/10/2000 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 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM application

R99 *current version:* 3.14.0

freeze_meeting: SP-06

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
TP-19	01/04/2003	3	.	12	.	0
TP-20	23/06/2003	3	.	13	.	0
TP-21	30/09/2003	3	.	14	.	0

WG (prime / other): T3 / - *rapporteur:* HEIM, Christian
G: U: yes *MCC:* DIETZE, Claus

GIESECKE & DEVRIENT GmbH

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

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TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0

freeze_meeting: SP-06

history (event, available, version, 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

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian
G: U: yes *MCC:* DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001:
remarks - this release: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

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

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
R99	<i>current version:</i> 3.10.0	<i>WG (prime / other):</i>	T3 / -	<i>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					
	TP-19	04/04/2003	3 . 10 . 0	get it					

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	T3 / -	<i>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; Universal Subscriber Identity Module (USIM) application test specification								
R99	<i>current version:</i> 3.7.0	<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					
	TP-19	26/03/2003	3 . 5 . 0	get it					
	TP-20	23/06/2003	3 . 6 . 0	get it					
	TP-21	29/09/2003	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 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

R99 *current version:* 3.6.0 *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-09	18/10/2000	1	.	0	.	0
TP-10		2	.	0	.	0
TP-10	05/01/2001	3	.	0	.	0
TP-14	17/01/2002	3	.	1	.	0
TP-15	28/03/2002	3	.	2	.	0
TP-16	19/06/2002	3	.	3	.	0
TP-17	18/09/2002	3	.	4	.	0
TP-18	02/01/2003	3	.	5	.	0
TP-19	01/04/2003	3	.	6	.	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

[get it](#)

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R99 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.005 Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-06	17/12/1999	3	.	0	.	0
SP-08	23/06/2000	3	.	1	.	0
correct	10/10/2000	3	.	2	.	0

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

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implementation of
previous CR

SP-10	21/12/2000	3	.	3	.	0
edito	22/01/2001	3	.	3	.	1
SP-11	05/04/2001	3	.	4	.	0
SP-13	05/10/2001	3	.	5	.	0
SP-15	26/03/2002	3	.	6	.	0

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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 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:* 3.11.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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	
SP-19	02/04/2003	3 . 11 . 0	get it	

TS 32.101 Telecommunication management; Principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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 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 32.102 Telecommunication management; Architecture

R99 *current version:* 3.2.0

freeze_meeting: SP-07

WG (prime / other): S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera 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:

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

TS 32.104 3G Performance Management

R99 *current version:* 3.6.0

freeze_meeting: SP-07

WG (prime / other): S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
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
SP-20	27/06/2003	3	6	0

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

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TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 *current version:* 3.1.0

freeze_meeting: SP-07

WG (prime / other): S5 / - *rapporteur:* PIRT, Trevor 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](#)
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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 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 (IRP); Information Service								
R99	<i>current version:</i> 3.3.0	WG (prime / other):	S5 / -	<i>rapporteur:</i>	TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-07	G:	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					

TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)								
R99	<i>current version:</i> solution set	3.3.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	TSE, Edwin		
	Ericsson Incorporated								
	<i>freeze_meeting:</i> SP-07	G:	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					

TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution								
R99	<i>current version:</i> 3.2.1	WG (prime / other):	S5 / -	<i>rapporteur:</i>	POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-07	G:	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								

TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Network Resource Model NRM))								
R99	<i>current version:</i> Network Resource Model NRM))	3.2.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas		
	Telefon AB LM Ericsson								
	<i>freeze_meeting:</i> SP-10	G:	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					

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TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker								
R99	<i>current version:</i> Architecture (CORBA) solution set	3.3.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i> SP-10		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	draft	31/10/2000	0	.	1	.	0	get it	<i>remarks - general:</i> TSG#8: split into eight parts
	SP-10	14/12/2000	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	04/07/2001	3	.	2	.	0	get it	
	SP-13	05/10/2001	3	.	3	.	0	get it	

TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information								
R99	<i>current version:</i> Protocol (CMIP) solution set	3.3.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i> SP-10		G:	U: yes		MCC:	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	draft	31/10/2000	0	.	1	.	0	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	
	SP-14	11/01/2002	3	.	3	.	0	get it	

TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects								
R99	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07		G:	U: yes		MCC:	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 TSG#8:3.1.0
	SP-12	03/07/2001	3	.	2	.	0	get it	

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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

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ACTIVE specs R99 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 (IRP): Common Object Request Broker Architecture (CORBA) solution set

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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		

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG

freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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									
editorial	06/09/2000	3	.	1	.	1	get it		
SP-14	11/01/2002	3	.	2	.	0	get it		

R99

33 .- series

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

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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

history (event, available, version, comments):

Table of Contents and Scope	04/03/1999	0	0	1
First complete draft	26/03/1999	1	0	0
WG approval	26/03/1999	2	0	0
SP-03	23/04/1999	3	0	0
SP-04	23/06/1999	3	1	0
SP-05	13/10/1999	3	2	0
SP-06	17/12/1999	3	3	0
SP-07	15/03/2000	3	4	0
SP-08	23/06/2000	3	5	0
SP-09	11/10/2000	3	6	0
SP-10	22/12/2000	3	7	0
SP-11	04/04/2001	3	8	0
SP-12	04/07/2001	3	9	0
SP-14	07/01/2002	3	10	0
SP-15	26/03/2002	3	11	0
SP-16	19/06/2002	3	12	0
SP-18	18/12/2002	3	13	0

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc Siemens nv/sa
G: U: yes MCC: POPE, Maurice

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

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TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze_meeting: SP-05

history (event, available, version, comments):

SP-04	23/06/1999	1	0	0
SP-05	13/10/1999	3	0	0
SP-06	17/12/1999	3	1	0
SP-07	15/03/2000	3	2	0
SP-08	23/06/2000	3	3	0
SP-09	11/10/2000	3	4	0
SP-11	30/03/2001	3	5	0
SP-12	04/07/2001	3	6	0
SP-13	03/10/2001	3	7	0

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc
G: U: yes MCC: POPE, Maurice

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

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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				

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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>G:</i>	<i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	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	get it <i>remarks - general:</i> TSG#7: S3-000105=NP-000049
						<i>remarks - this release:</i> Formerly 33.904.

R99

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Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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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: 3.13.0

WG (prime / other): T1 / - rapporteur: CHALABI, Nuhman ANRITSU LTD

freeze_meeting: SP-08

G: U: yes MCC: SULTAN, Alain

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		
TP-19	24/03/2003	3	.	11	.	0		get it		
TP-20	18/06/2003	3	.	12	.	0		get it		
TP-21	10/10/2003	3	.	13	.	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:* 3.9.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-03	23/04/1999	0	.	0	.	0
RP-04	18/06/1999	0	.	2	.	0
RP-05	08/10/1999	1	.	0	.	0
RP-06	17/12/1999	1	.	0	.	3
next version	03/02/2000	1	.	1	.	0
RP-07	15/03/2000	1	.	2	.	0
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	20/12/2000	3	.	2	.	0
RP-11	27/03/2001	3	.	3	.	0
RP-12	19/06/2001	3	.	4	.	0
RP-15	19/03/2002	3	.	5	.	0
RP-16	17/06/2002	3	.	6	.	0
RP-17	18/09/2002	3	.	7	.	0
RP-18	13/01/2003	3	.	8	.	0
RP-19	25/03/2003	3	.	9	.	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](#)
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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 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:* 3.14.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* SULTAN, Alain

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	
TP-19	24/03/2003	3 . 12 . 0	get it	
TP-20	17/06/2003	3 . 13 . 0	get it	
TP-21	10/10/2003	3 . 14 . 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 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:* 3.11.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-08 *G:* U: yes *MCC:* SULTAN, Alain

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	
TP-19	24/03/2003	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 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* SULTAN, Alain SOURCE COM

freeze_meeting: SP-08

G: *U:* yes *MCC:* SULTAN, Alain

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	

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:* SULTAN, Alain

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	

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 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99 *current version:* 3.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
Start work if STF 0 . 0 . 1 *remarks - this release:*
fund +T2 input

avail.

TP-11 28/03/2001 1 . 0 . 0 [get it](#)

TP-12 28/06/2001 1 . 0 . 3 TP-010124 [get it](#)

draft 11/10/2001 1 . 0 . 5 [get it](#)

TP-18 16/12/2002 2 . 0 . 0 [get it](#)

text = TP-020301 (see also TP-020302),
ttcn = TP-020320 which will be available
by 2002-12-20.

TP-18 18/12/2002 3 . 0 . 0 Availability delayed pending availability of [get it](#)
.mp file.

TP-19 09/04/2003 3 . 1 . 0 [get it](#)

TP-20 04/07/2003 3 . 2 . 0 late availability due to delay in checking [get it](#)
by WG members

TP-20 15/07/2003 3 . 2 . 1 Fixes bug in Telelogic tool output. [get it](#)

TP-21 31/10/2003 3 . 3 . 0 TTCN verification performed by Anritsu & [get it](#)
Racal.

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

R99 *current version:* 3.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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	
RP-19	04/04/2003	3 . 4 . 0	get it	

TR 34.901 Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance

R99 *current version:* 3.0.0 *WG (prime / other):* T1 / - *rapporteur:* YOKOYAMA, Mitsuru Agilent Technologies Japan, Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-20	17/06/2003	2 . 0 . 0	get it	<i>remarks - general:</i> 2002-09-16: 34.801 -> 34.901.
TP-20	17/06/2003	2 . 0 . 1	get it	<i>remarks - this release:</i> 2002-09-26: Anticipate approval at TP-18.
				TP-030105
				TP-030145 (clause 4 modified). Doc claims to be v2.0.0
TP-20	18/06/2003	3 . 0 . 0	get it	

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 deliverable yet available	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence
Formatting	16/07/2001	3	.	1	.	1	Sage makes source file available.	get it	
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 deliverable yet available	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence
Formatting	12/07/2001	3	.	1	.	1	Sage makes source file available.	get it	
IPR, licence text	20/08/2001	3	.	1	.	2		get it	

UMTS

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

TR 21.01U Requirements for the UMTS Terrestrial Radio Access (UTRA) system

UMTS *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories
freeze_meeting: *G:* *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

draft		1	.	0	.	0			<i>remarks - general:</i> Produced by ETSI SMG2.
smg-22	13/06/1997	3	.	0	.	0		get it	<i>remarks - this release:</i>
ETSI publication	28/11/1997	3	.	0	.	1		get it	

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

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

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

TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

UMTS *current version:* 3.2.0 *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL S.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version, comments):
TC change control 13/06/1997 3 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 3 . 1 . 0 [get it](#) *remarks - this release:*
smg-25 20/03/1998 3 . 2 . 0 [get it](#)

TR 30.06U UTRA Concept Evaluation Reports

UMTS *current version:* 3.0.0 *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version, comments):
First complete draft 01/12/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-24 15/12/1997 3 . 0 . 0 [get it](#) *remarks - this release:*

R98

R98 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R98 *current version:* 7.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-20 25/06/2003 7 . 0 . 0 [get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

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 01.04	Abbreviations and acronyms					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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 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	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>
	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> .

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

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, 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:*

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.0.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, 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:* #28: 7.0.0
ETSI publication 13/12/1999 7 . 0 . 2 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 02.04 General on Supplementary Services

R98 *current version:* 7.1.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, 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 . 1 . 1 [get it](#)
ETSI publication 28/12/1999 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 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)
R98 *current version: 7.0.1* WG (prime / other): S1 / - *rapporteur:* JEAL, David 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:*
ETSI publication 29/12/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 02.07 Mobile Station (MS) Features
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 03/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*
SP-07 15/03/2000 7 . 1 . 0 [get it](#)

TS 02.09 Security aspects
R98 *current version: 7.1.1* WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
freeze_meeting: smg-29 NP Per
G: yes U: *MCC:* POPE, Maurice
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](#)
ETSI publication 29/08/2000 7 . 1 . 1 [get it](#)

TS 02.11 Service Accessibility
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-27 16/10/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 03/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*
SP-11 02/04/2001 7 . 1 . 0 [get it](#)

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> 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			
<hr/>						
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	G: yes U:	<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			
<hr/>						
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	G: yes U:	<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	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 02.24	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	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 12/01/2000 7 . 0 . 1		get it	<i>remarks - this release:</i>		

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TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
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	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 . 1 . 0	get it	<i>remarks - this release:</i>			
	editorial 19/07/2002 7 . 1 . 1	get it				
<hr/>						
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	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>			
	smg-26 26/06/1998 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-29 25/06/1999 7 . 1 . 1	get it				
<hr/>						
TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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	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>			
	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	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>
<hr/>						
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	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>
	edito 28/07/1999 7 . 0 . 1				get it	<i>remarks - this release:</i>
<hr/>						
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	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>
<hr/>						
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	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>
<hr/>						
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	G: yes U:	MCC: 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	

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TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1

R98 *current version: 7.0.0* WG (prime / other): T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* DIETZE, Claus
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
remarks - this release:

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R98 *current version: 7.0.1* WG (prime / other): S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
ETSI publication 16/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R98 *current version: 7.2.1* WG (prime / other): S1 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, 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:* #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](#)

TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #25: 7.0.0 #29: 7.1.0

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ACTIVE specs R98 02 .- series
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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:	<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> #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			
<hr/>						
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	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 02.66	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	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>		
	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	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 12/01/2000 7 . 0 . 1		get it	<i>remarks - this release:</i>		

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TS 02.68 Voice Group Call Service (VGCS); Stage 1

R98 *current version: 7.0.2* WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
edito 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release:*
publish EN 300 925 24/08/2000 7 . 0 . 2 [get it](#)

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R98 *current version: 7.0.2* WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, 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: #28: 7.0.0*
ETSI publication 29/12/1999 7 . 0 . 2 [get it](#)

TS 02.71 Location Services (LCS); Stage 1

R98 *current version: 7.3.0* WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-28 12/02/1999 1 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 08/10/1999 7 . 1 . 0 [get it](#)
SP-06 15/12/1999 7 . 2 . 0 [get it](#)
SP-11 06/04/2001 7 . 3 . 0 [get it](#)

TS 02.72 Call Deflection Service description; Stage 1

R98 *current version: 7.2.1* WG (prime / other): S1 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release: #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](#)

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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:	<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>		
	SP-10 12/01/2001 7 . 1 . 0			<i>remarks - this release:</i>		
	SP-14 14/01/2002 7 . 2 . 0		get it			
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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:	<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> #29: 7.0.0		
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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:	<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> #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:	<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		
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TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<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> #29: 7.0.0		

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TS 02.84	MultiParty (MPTY) Supplementary Services; Stage 1				
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 02.85	Closed User Group (CUG) 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 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CRAWFORD, Ian	VODAFONE Group Plc	
	<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 02.87	User-to-User Signalling (UUS) Service Description; Stage 1				
R98	<i>current version:</i> 7.1.2	<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-25 20/03/1998 7 . 0 . 0				
	smg-28 12/02/1999 7 . 1 . 0				get it <i>remarks - general:</i>
	smg-29 25/06/1999 7 . 1 . 1				get it <i>remarks - this release:</i> #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1
	ETSI publication 16/12/1999 7 . 1 . 2				get it
<hr/>					
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

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 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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	<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> #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	<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> #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	<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> #29: 7.0.0
<hr/>						
TS 02.96	Name Identification Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98 *current version: 7.1.0* WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-29 G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0*

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03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R98 *current version: 7.0.0* WG (prime / other): S2 / NP rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-29 G: yes U: MCC: YOON, Sang-Ui
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG3->SA2 @ TSG#7*
remarks - this release: #29:7.0.0

TS 03.02 Network Architecture

R98 *current version: 7.1.0* WG (prime / other): S2 / NP / rapporteur: SULTAN, Alain SOURCE COM
freeze_meeting: smg-29 T2 G: yes U: MCC: YOON, Sang-Ui
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 S#6: 7.1.0*

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 03.03 Numbering, Addressing and Identification

R98 *current version: 7.8.0* 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.
NP-21	09/10/2003	7 . 8 . 0	get it	

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:* Chalmers
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>

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

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ACTIVE specs R98 03 .- series
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TS 03.08	Organization of Subscriber Data					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL 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-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 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			
	NP-20 27/06/2003 7 . 5 . 0		get it			

TS 03.09	Handover Procedures					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<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>		
				<i>remarks - this release:</i> #29: 7.0.0		

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
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>G: yes U:</i>	<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 26/06/1999 7 . 0 . 1		get it	<i>remarks - this release:</i>		

TS 03.11	Technical Realization of Supplementary Services - General Aspects					
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		

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

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ACTIVE specs R98 03 .- series
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TS 03.12	Location Registration Procedures					
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:</i> #29: 7.0.0
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> 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 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<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>
	edito 10/08/1999 7 . 0 . 1					get it <i>remarks - this release:</i> #28: 7.0.0
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<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 acces; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
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TS 03.16	Subscriber Data Management				
R98	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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>		
	NP-06 15/12/1999 7 . 2 . 0	get it			
	NP-07 15/03/2000 7 . 3 . 0	get it			
	NP-09 31/10/2000 7 . 4 . 0	get it			
	NP-11 02/04/2001 7 . 5 . 0	get it			
	NP-17 17/09/2002 7 . 6 . 0	get it			

TS 03.18	Basic Call Handling				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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>		
	NP-05 08/10/1999 7 . 2 . 0	get it			
	NP-07 15/03/2000 7 . 3 . 0	get it			
	NP-09 31/10/2000 7 . 4 . 0	get it			

TS 03.19	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card				
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 1 . 0 . 0	get it	<i>remarks - general:</i> SMG9->T3@#31		
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - this release:</i>		
	smg-31 16/02/2000 7 . 1 . 0	get it			
	TP-08 23/06/2000 7 . 2 . 0	get it			
	TP-08 28/09/2000 7 . 3 . 0	get it			
	TP-10 07/03/2001 7 . 4 . 0	get it			
	TP-11 27/07/2001 7 . 5 . 0	get it			

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 03.20	Security-related Network Functions						
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S3 / NP / GP		<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom		
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i> 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> #32:7.3.0? - status of CRs unclear.			
	smg-30 11/11/1999 7 . 2 . 0	get it					CR at smg-32 would have created 7.3.0, but unclear whether or not approved
<hr/>							
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 Skov	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:		<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 Skov	MOTOROLA A/S		
	<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>			
<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	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>			
	smg-31 16/02/2000 7 . 1 . 0	get it		<i>remarks - this release:</i> #29: 7.0.0 #31:7.1.0			

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 03.31	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 One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<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.			
<hr/>						
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:	<i>MCC:</i> 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:	<i>MCC:</i> 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:	<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>			
			<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:	<i>MCC:</i> 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>			

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/03_series

TS 03.38 Alphabets and language-specific information

R98 *current version: 7.2.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0</i>
smg-29	25/06/1999	7	.	2	.	0	get it

TS 03.40 Technical realization of the Short Message Service (SMS)

R98 *current version: 7.5.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-26	26/06/1998	7	.	0	.	0	get it <i>remarks - general: 2003-12-03: Note that this spec also contains stage 3.</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 *current version: 7.4.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version, 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>
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 *current version: 7.1.1* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-26	26/06/1998	7	.	0	.	0	get it <i>remarks - general:</i>
smg-28	12/02/1999	7	.	1	.	0	get it <i>remarks - this release:</i>
smg-29	25/06/1999	7	.	1	.	1	get it

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

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:	MCC:	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
<hr/>									
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	G: yes U:	MCC:	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>
<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	G: yes U:	MCC:	BOSWARTHICK, David					
	<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 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	G: yes U:	MCC:	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>
<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	G: yes U:	MCC:	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>

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	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>			
<hr/>						
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)					
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	G: yes U:	MCC: 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>			
<hr/>						
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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 #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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.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>			
	ETSI PE 26/05/1999 7 . 0 . 1		get it <i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0			
	smg-29 25/06/1999 7 . 1 . 0		get it			
	ETSI publication 05/09/2000 7 . 1 . 1		get it			

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>	Mar00: prime responsibility txfrd to SMG11	
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>	#25: 7.0.0	
<hr/>					
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:	MCC:	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:	MCC:	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:	MCC:	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:	MCC:	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
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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	remarks - general:
smg-29	25/06/1999	7 . 1 . 0	get it	remarks - this release:
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	remarks - general: remarks - this release:
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TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version: 7.1.0* 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	remarks - general:
smg-30	11/11/1999	7 . 1 . 0	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 R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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	G: yes U:	MCC:	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	G: yes U:	MCC:	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> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<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>	
	NP-07 15/12/1999 7 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-09 12/10/2000 7 . 2 . 0		get it		
	NP-21 10/10/2003 7 . 3 . 0		get it		
<hr/>					
TS 03.69	Voice Broadcast service (VBS); Stage 2				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<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>	
	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		
	NP-21 13/10/2003 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 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)

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-31b 17/04/2000 7 . 4 . 0
SP-11 11/04/2001 7 . 5 . 0
SP-12 29/06/2001 7 . 6 . 0
SP-13 15/10/2001 7 . 7 . 0
SP-14 07/01/2002 7 . 8 . 0
SP-15 02/04/2002 7 . 9 . 0
SP-16 17/06/2002 7 . 10 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version, 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](#)

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 03.73 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 customized 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:* 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 (MPPTY) 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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<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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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:* 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](#) *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 freeze_meeting: smg-29	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		
		get it	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG	
	history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R98	current version: 7.1.2 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 smg-31 16/02/2000 7 . 1 . 0 Editorial correction 16/03/2000 7 . 1 . 1 ETSI publication 22/09/2000 7 . 1 . 2	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
		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 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: 7.20.1

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-30b	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-31b	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	
correction to	25/04/2003	7 . 19 . 1	get it	
history box				
GP-15	10/07/2003	7 . 20 . 0	get it	
edirial	12/09/2003	7 . 20 . 1	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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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>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<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>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<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 23/11/1998 7 . 0 . 1	get it	<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>rapporteur:</i> KLEHN, Norbert	
SIEMENS AG						
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<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>			
	ETSI publication 31/08/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-06 15/12/1999 7 . 1 . 0	get it				

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>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-30b 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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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> 7.12.0	<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-30b 06/12/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>	
	smg-31 16/02/2000	7 . 1 . 0	get it		
	smg-31b 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		
	GP-16 12/09/2003	7 . 12 . 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-30b 06/12/1999	7 . 0 . 1	get it	<i>remarks - general:</i>	
	smg-31b 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 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 04.57 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:* HOWELL, Andrew MOTOROLA Ltd
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-30b 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 (SND CP)				
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 *current version: 7.2.0* WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, 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:*
NP-07 15/03/2000 7 . 2 . 0 [get it](#)

TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R98 *current version: 7.5.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-28 12/02/1999 1 . 0 . 0 [get it](#) *remarks - general:* Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - this release:*
smg-30b 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](#)

TS 04.72 Call Deflection (CD) Supplementary Service; Stage 3

R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 30/10/2001 7 . 0 . 1 [get it](#) *remarks - this release:* #27: for info #28: 7.0.0

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R98 *current version: 7.4.1* 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 [get it](#) *remarks - general:*
NP-06 15/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
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](#)
editorial 09/10/2003 7 . 4 . 1 [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 04.81	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: #29: 7.0.0</i>
<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: #28: 7.0.0</i>
<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: #29: 7.0.0</i>
<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: #29: 7.0.0</i>
<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: #29: 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 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.87 User-to-User Signalling (UUS) Supplementary Service; Stage 3

R98 *current version:* 7.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 16/12/1999 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 04.90 Unstructured Supplementary Service Data (USSD)

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.93 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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ACTIVE specs R98 05 .- series
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-30b	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-31b	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

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

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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](#)

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TS 05.04 Modulation

R98 *current version: 7.3.0*

freeze_meeting: smg-29

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

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

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	20/06/2000	7	.	0	.	1
smg-30b	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](#)

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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 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-31b	17/04/2000	7	.	4	.	0
ETSI publication	27/10/2000	7	.	4	.	1
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 Telefon AB LM Ericsson

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

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

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-31b	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 VODAFONE Group Plc

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

remarks - general:
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 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	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	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	G: yes U:	MCC:	USAI, Paolino	
<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> 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-31b	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	G: yes U:	MCC:	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	GP-02	05/01/2001	7 . 0 . 0	get it	<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
	GP-05	29/06/2001	7 . 1 . 0	get it	<i>remarks - this release:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
Changed from G2 to G1 at same time.					
	GP-10	19/07/2002	7 . 2 . 0	get it	GERAN#2:7.0.0

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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-31b 17/04/2000 7 . 4 . 0	get it			
<hr/>					
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	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 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

G = required in systems with GERAN acces; 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 06.01	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 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: #28: 7.0.0</i>	
<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: #28: 7.0.0</i>	
<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: #29: 7.0.0</i>	
<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: #29: 7.0.0</i>	
<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: #29: 7.0.0</i>	

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

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

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

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

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0
ETSI Publication 29/12/1999 7 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* USAI, Paolino

[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 TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

[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 MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino

[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 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 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: 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 06.51	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: 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 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: 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>			
<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: 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>			
	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 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	

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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 *current version: 7.6.0* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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 *current version: 7.3.0* WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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 vectors	04/02/2000	7 . 0 . 1	get it	
corrected test vectors	14/09/2000	7 . 0 . 2	get it	
ETSI publication	05/10/2000	7 . 0 . 3	get it	
SP-11	10/04/2001	7 . 1 . 0	get it	
corrected tests	04/07/2001	7 . 1 . 1	get it	
SP-15	28/03/2002	7 . 2 . 0	get it	
SP-16	28/06/2002	7 . 3 . 0	get it	

TR 06.75 Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec

R98 *current version: 7.2.0* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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	

G = required in systems with GERAN acces; 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

TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, 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 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

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 06.90 Adaptive Multi-Rate speech transcoding

R98 *current version: 7.2.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
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 #30: 7.2.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)

TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #30: 7.1.0
ETSI Publication 09/05/2000 7 . 1 . 1 [get it](#)

TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.
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 17/12/1999 7 . 1 . 1 [get it](#)

TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.5.0* WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
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 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0 TSG#10:7.5.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
SP-06 17/12/1999 7 . 3 . 0 [get it](#)
ETSI publication 21/03/2001 7 . 3 . 1 [get it](#)
SP-08 28/06/2000 7 . 4 . 0 [get it](#)
ETSI publication 30/11/2000 7 . 4 . 1 [get it](#)
SP-10 21/12/2000 7 . 5 . 0 [get it](#)

G = required in systems with GERAN 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 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels
R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
history (event, available, version, 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

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

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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 Research In Motion 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:* 7.8.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, 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](#)
TP-19 28/03/2003 7 . 8 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98 *current version:* 7.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, 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](#)

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

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ACTIVE specs R98 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

R98 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface
R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 Skov
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
freeze_meeting: smg-29 Skov
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
freeze_meeting: smg-29 Skov
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
freeze_meeting: smg-29 Skov
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:*

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

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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
Skov

history (event, available, version, comments):

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 . 2 . 0	get it	
smg-30	11/11/1999	7 . 3 . 0	get it	
smg-30b	06/12/1999	7 . 4 . 0	get it	
smg-31b	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
Skov

history (event, available, version, comments):

smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>
ETSI Publication	30/08/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>

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
Skov

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>

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

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ACTIVE specs R98 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				
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:	MCC:	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:	MCC:	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:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-30 1 . 0 . 0			<i>remarks - general:</i>	
	smg-30b 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:	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>	

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

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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			

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

3GPP specification status

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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: yes 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-30b 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: 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>	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-30b 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 S.p.A.	
	<i>freeze_meeting:</i> smg-29			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
	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		

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

3GPP specification status

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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 G: yes U: MCC: THOMASEN, Gert
Skov

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0
smg-30b	06/12/1999	7	.	1	.	0
edito	31/12/1999	7	.	1	.	1
smg-31	16/02/2000	7	.	2	.	0
smg-31b	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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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 acces; U = required in systems with UMTS access.

3GPP specification status

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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:* 7.14.0

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-05	08/10/1999	7	.	2	.	0
NP-06	13/12/1999	7	.	3	.	0
NP-07	15/03/2000	7	.	4	.	0
NP-08	21/06/2000	7	.	5	.	0
edito	04/09/2000	7	.	5	.	1
NP-09	08/11/2000	7	.	6	.	0
NP-10	21/12/2000	7	.	7	.	0
NP-11	06/04/2001	7	.	8	.	0
NP-12	06/07/2001	7	.	9	.	0
NP-14	18/01/2002	7	.	10	.	0
NP-15	04/04/2002	7	.	11	.	0
NP-18	08/01/2003	7	.	12	.	0
NP-19	07/04/2003	7	.	13	.	0
NP-21	09/10/2003	7	.	14	.	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)
[get it](#) *remarks - this release:*

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](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #29: 7.0.0

TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98 *current version:* 7.0.0

WG (prime / other): N3 / -

rapporteur:

BOSWARTHICK, David

ETSI Secretariat

freeze_meeting: smg-29

G: yes U:

MCC:

BOSWARTHICK, David

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #29: 7.0.0

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

3GPP specification status

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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		<i>WG (prime / other):</i> N3 / -		<i>rappporteur:</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	<i>WG (prime / other):</i> N3	/-	<i>rappporteur:</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	<i>WG (prime / other):</i> N3	/-	<i>rappporteur:</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		<i>WG (prime / other):</i> N1	/-	<i>rappporteur:</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		

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 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R98	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	7.2.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>									
	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> #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0
	NP-11	04/04/2001	7	.	2	.	0	get it	

TS 09.11	Signalling Interworking for Supplementary Services								
R98	<i>current version:</i> 7.0.1		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	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	12/03/1999	7	.	0	.	1	get it	<i>remarks - this release:</i> #28: 7.0.0

TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R98	<i>current version:</i> 7.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	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>

TS 09.14	Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol								
R98	<i>current version:</i> 7.0.2		WG (prime / other):	SPAN / N4		<i>rapporteur:</i>	SPORTON, Simon	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:			
<i>history (event, available, version, comments):</i>									
	SPS approval	30/06/1999	7	.	0	.	1	get it	<i>remarks - general:</i> EN 302 646
	ETSI publication	26/09/2000	7	.	0	.	2	get it	<i>remarks - this release:</i> (SPAN1)

TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R98	<i>current version:</i> 7.0.1		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	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 Publication	17/08/1999	7	.	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 R98 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
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-30b	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	

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 09.60 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:* 7.10.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, 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	
NP-19	27/03/2003	7 . 9 . 0	get it	
NP-20	23/06/2003	7 . 10 . 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	current version: 7.1.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-29	G: yes	U:	MCC:	JURISIC, Andrijana				
	history (event, available, version, comments):								
	smg-29 25/06/1999	7	. 0 . 0	get it	remarks - general:				
	NP-08 21/06/2000	7	. 1 . 0	get it	remarks - this release:				
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels Peter	MOTOROLA A/S			
	freeze_meeting: smg-28	G: yes	U:	MCC:	Skov	JORGENSEN, Per Johan			
	history (event, available, version, comments):								
	NP-16 26/06/2002	7	. 0 . 0	get it	remarks - general:				
	edito post NP-18 16/12/2002	7	. 0 . 1	get it	remarks - this release:	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.			
						minor editorials to change style from TS to TR.			
<hr/>									
TR 09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles								
R98	current version: 7.3.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels Peter	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes	U:	MCC:	Skov	USAI, Paolino			
	history (event, available, version, comments):								
	GP-04 20/04/2001	7	. 0 . 0	get it	remarks - general:				
	GP-07 04/01/2002	7	. 1 . 0	get it	remarks - this release:				
	GP-08 19/02/2002	7	. 2 . 0	get it					
	GP-12 03/01/2003	7	. 3 . 0	get it					

R98

10 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00	Digital Cellular Telecommunication System Feature Description								
R98	current version: 7.1.0	WG (prime / other):	S2 / -	rapporteur:	BERGMANN, Ansgar	Deutsche Telekom AG			
	freeze_meeting: smg-29	G: yes	U:	MCC:	YOON, Sang-Ui				
	history (event, available, version, comments):								
	smg-26 11/09/1998	7	. 0 . 0	get it	remarks - general:				
	smg-27	7	. 1 . 0		remarks - this release:	#27: 7D1.0			
						Not available			

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

3GPP specification status

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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):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
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:* 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 acces; U = required in systems with UMTS access.

3GPP specification status

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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
smg-27	16/10/1998	7	.	1	.	0
smg-28	12/02/1999	7	.	2	.	0
smg-29	25/06/1999	7	.	3	.	0
smg-30	11/11/1999	7	.	4	.	0
smg-31	16/02/2000	7	.	5	.	0
smg-32	28/06/2000	7	.	6	.	0
edito	24/07/2000	7	.	6	.	1
TP-14	17/01/2002	7	.	7	.	0

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

TS 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 Indicate persons who left Company and wait for new One
freeze_meeting: SP-11 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version, comments):

T3-16		0	.	2	.	0
TP-10	11/01/2001	1	.	0	.	0
TP-11	16/05/2001	7	.	0	.	0
edito	08/08/2002	7	.	0	.	1
TP-12	12/07/2001	7	.	1	.	0
TP-13	12/10/2001	7	.	2	.	0
TP-14	01/02/2002	7	.	3	.	0
TP-15	04/04/2002	7	.	4	.	0
edito post TP-15	12/04/2002	7	.	4	.	1
edito post TP-17	18/09/2002	7	.	4	.	2

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
late delivery due to very poor initial
formatting
7.0.0. had wrong date on cover page /
header
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

3GPP specification status

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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: smg-29</i>					
		<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: smg-29</i>					
		<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 Corporation
	<i>freeze_meeting: smg-29</i>	<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: smg-29</i>	<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: 7.5.0* WG (prime / other): G1 / - *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	
GP-15	11/07/2003	7 . 5 . 0	get it	

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version: 7.0.0* WG (prime / other): G1 / - *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 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>

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 12.04 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](#) *remarks - general:*
remarks - this release:

TS 12.05 Subscriber Related Call and Event Data
R98 *current version: 7.0.1* WG (prime / other): S5 / S1 rapporteur: ALEXANDER, Benni NOKIA Corporation
freeze_meeting: smg-29 G: yes U: MCC: ZOICAS, Adrian
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: ALEXANDER, Benni NOKIA Corporation
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): G1 / 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 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R97 *current version:* 6.0.0
freeze_meeting:
history (event, available, version, comments):

SP-20	25/06/2003	6	.	0	.	0	get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
								<i>remarks - this release:</i>	. backwards extension to earlier releases.

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

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 01.02	General Description of a GSM Public Land Mobile Network (PLMN)					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / GP /	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<i>freeze_meeting:</i> smg-26	NP				
		G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	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>			
<hr/>						
TR 01.04	Abbreviations and acronyms					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 15/11/2000 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<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>			

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

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 26/06/1999 6 . 2 . 0 [get it](#)

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*
Editorial correction 12/02/1999 6 . 1 . 1 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 02.04 General on Supplementary Services

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 6 . 1 . 1 [get it](#)

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 02.06 Types of Mobile Stations (MS)
R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-27 16/10/1999 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 26/05/1999 6 . 0 . 1 [get it](#) *remarks - this release:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 1 . 1 [get it](#)

TS 02.07 Mobile Station (MS) Features
R97 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
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, 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:*

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 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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>		
	SP-08 28/06/2000 6 . 2 . 0		get it			
<hr/>						
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			

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

3GPP specification status

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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>
<hr/>						
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>

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 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R97 *current version:* none *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):
remarks - general: SMG11->S4 at SMG#30
remarks - this release: No spec this Release

TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1 *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](#)

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 02.68	Voice Group Call Service (VGCS); Stage 1					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 06/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	publish EN 300 925 01/09/1999 6 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<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> #27: 6.0.0		
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R97	<i>current version:</i> 6.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<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>		
	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			
	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	<i>current version:</i> 6.0.0	<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-26	G: yes U:	<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 02.81	Line Identification 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 02.82	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 (MPPTY) 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

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 02.86	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
<hr/>						
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	<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 02.90	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	<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 02.91	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	<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 02.93	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	<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>
	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

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 02.95	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			

TS 02.96	Name Identification Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<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 (5.0.0 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	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB		
	<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> SMG3->SA2 @ TSG#7			
	smg-28 12/02/1999 6 . 1 . 0	get it	<i>remarks - this release:</i> #27: 6.0.0 #28: 6.1.0			

TS 03.02	Network Architecture					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S2 / NP /	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> smg-26	T2	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	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			

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:* 6.8.0 *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.
NP-21	09/10/2003	6 . 8 . 0	get it	

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: #27: 6.0.0</i>
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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:* 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 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 03.08 Organization of Subscriber Data

R97 *current version:* 6.6.0
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
NP-07 15/03/2000 6 . 4 . 0
NP-09 31/10/2000 6 . 5 . 0
NP-20 27/06/2003 6 . 6 . 0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

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

TS 03.09 Handover Procedures

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): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version, comments):
smg-27 18/10/1998 6 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

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

TS 03.11 Technical Realization of Supplementary Services - General Aspects

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: 6.0.0

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 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>	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	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
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze_meeting: smg-26

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

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

[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

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo

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

[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

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom

G: yes U: GP MCC: Sebastien
POPE, Maurice

history (event, available, version, comments):

smg-25 20/03/1998 6 . 0 . 0
smg-29 25/06/1999 6 . 1 . 0

[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				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-26 26/06/1998			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			get it	<i>remarks - this release:</i>	group receive mode".			
	smg-29 26/06/1999			get it					
	SP-11 11/04/2001			get it					

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				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	smg-26 26/06/1998			get it	<i>remarks - general:</i>				
	Editorial update 26/07/1998			get it	<i>remarks - this release:</i>	#26: 6.0.0			

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	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998			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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<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 03.40	Technical realization of the Short Message Service (SMS)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0		get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.		
	smg-26 26/06/1998 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	TP-14 11/01/2002 6 . 2 . 0		get it			
<hr/>						
TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<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>		
<hr/>						
TS 03.42	SMS Compression					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> 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/>						
TR 03.43	Support of Videotex					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> 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> #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 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)				
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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ACTIVE specs R97 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)				
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 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 *current version:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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	

TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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>

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R97 *current version:* 6.4.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, 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 post SP-07	30/10/1998	6 . 2 . 0	get it	
NP-09	12/10/2000	6 . 3 . 0	get it	
NP-21	10/10/2003	6 . 4 . 0	get it	

TS 03.69 Voice Broadcast service (VBS); Stage 2

R97 *current version:* 6.4.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, 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> #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	
NP-21	13/10/2003	6 . 4 . 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 03.70 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 customized 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):
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
ETSI publication 27/08/1998 6 . 1 . 1
smg-27 16/10/1998 6 . 2 . 0
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
NP-07 17/03/2000 6 . 6 . 0
NP-08 23/06/2000 6 . 7 . 0
NP-10 04/01/2001 6 . 8 . 0
NP-12 29/06/2001 6 . 9 . 0
edito 02/07/2001 6 . 9 . 1
NP-14 04/01/2002 6 . 10 . 0
NP-16 17/06/2002 6 . 11 . 0
Editorial correction 21/08/2002 6 . 11 . 1
to SDLs

WG (prime / other): N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
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):
smg-27 16/10/1998 6 . 0 . 0
smg-29 25/06/1999 6 . 1 . 0
NP-05 13/10/1999 6 . 2 . 0
NP-07 17/03/2000 6 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
Chalmers
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0
[get it](#)
[get it](#)
[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
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
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
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	<i>current version:</i> 6.5.1	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	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-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		

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: 6.21.1

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-30b	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-31b	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
GP-15	10/07/2003	6 . 21 . 0	get it
edito	12/09/2003	6 . 21 . 1	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>		
	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:* HOWELL, Andrew MOTOROLA Ltd

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-30b	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-31b	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	<i>current version:</i> 6.10.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<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>
	smg-27	16/10/1998	6 . 2 . 0	get it	
	smg-28	12/02/1999	6 . 3 . 0	get it	
	smg-29	25/06/1999	6 . 4 . 0	get it	
	smg-30	11/11/1999	6 . 5 . 0	get it	
	NP-06	17/12/1999	6 . 6 . 0	get it	
	smg-31	16/02/2000	6 . 7 . 0	get it	
	NP-10	02/01/2001	6 . 8 . 0	get it	
	NP-13	02/10/2001	6 . 9 . 0	get it	
	NP-14	04/01/2002	6 . 10 . 0	get it	

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
R97	<i>current version:</i> 6.7.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<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> 24.065 existed, but scrapped since 04.65 is GSM only.
	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	
	NP-06	17/12/1999	6 . 6 . 0	get it	
	smg-31	16/02/2000	6 . 7 . 0	get it	

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3				
R97	<i>current version:</i> 6.0.1	<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>
	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 04.68	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		

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		

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding				
R97	<i>current version:</i> 6.1.2	<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		
	editorial 09/10/2003 6 . 1 . 2		get it		

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 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 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.84 Multi Party (MPY) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R97 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 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 *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:* #25: 6.0.0

TS 04.90 Unstructured Supplementary Service Data (USSD)

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
<to be defined> 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0

TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R97 *current version:* 6.1.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 #28:6.1.1
smg-28 12/02/1999 6 . 1 . 1 [get it](#)

TS 04.96 Name Identification Supplementary Services; Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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)

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-30b 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-31b 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 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

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-30b 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

Telefon AB LM Ericsson

G: yes *U:*

MCC: USAI, Paolino

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remarks - general:

[get it](#)

remarks - this release:

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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-30b	06/12/1999	6	.	7	.	0
edito	01/02/2000	6	.	7	.	1
smg-31b	17/04/2000	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	10/10/2000	6	.	9	.	0

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

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 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

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

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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 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>		
<hr/>						
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: #27: 6.0.0</i>		
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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: #27: 6.0.0</i>		
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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: #27: 6.0.0</i>		
<hr/>						
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: #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 06.10	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	G: yes U:	<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				
<hr/>						
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	G: yes U:	<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	G: yes U:	<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				
<hr/>						
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	G: yes U:	<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	G: yes U:	<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	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 06.31	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 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	<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	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 06.41	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 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	<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	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

TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
	ETSI publication 04/06/1999 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0	
	smg-32 20/06/2000 6 . 1 . 0			get it		
	ETSI publication 30/11/2000 6 . 1 . 1			get it		
	SP-10 20/12/2000 6 . 2 . 0			get it		

TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	remarks - this release:	

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, 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-32 20/06/2000 6 . 1 . 0			get it		
	SP-10 20/12/2000 6 . 2 . 0			get it		

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #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>		
<hr/>						
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>					
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	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			
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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 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 Research In Motion 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 Telefon AB LM Ericsson
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](#)

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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
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-29 25/06/1999 6 . 3 . 0
NP-05 08/10/1999 6 . 4 . 0
NP-06 15/12/1999 6 . 5 . 0

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remarks - general:

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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

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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

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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

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remarks - general:

remarks - this release:

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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 *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 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter 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 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R97 *current version:* 6.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-31b 17/04/2000 6 . 5 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* THOMASEN, Gert
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 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		
		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 08.54	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		
		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 08.56	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		
		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 08.58	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		
		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-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			

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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:* 6.14.0 *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](#)
NP-19 07/04/2003 6 . 13 . 0 [get it](#)
NP-21 09/10/2003 6 . 14 . 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 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 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, comments):								
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R97	current version: Switched Data Transmission Services	6.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
ETSI Secretariat									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, comments):								
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network								
R97	current version: (PSTN)	6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, 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:	#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0			
	NP-06 15/12/1999 6 . 2 . 0			get it					
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND, 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			

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	

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>

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>

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>

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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> 6.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-25	20/03/1998	6 . 0 . 0	get it	<i>remarks - general:</i>
	smg-26		6 . 1 . 0		<i>remarks - this release:</i>
	smg-26	26/06/1998	6 . 2 . 0	get it	
	smg-27	16/10/1998	6 . 3 . 0	get it	
	smg-30	11/11/1999	6 . 4 . 0	get it	
	NP-13	12/10/2001	6 . 5 . 0	get it	
	NP-14	14/01/2002	6 . 6 . 0	get it	
	NP-15	20/03/2002	6 . 7 . 0	get it	
	NP-16	02/07/2002	6 . 8 . 0	get it	
	NP-18	09/01/2003	6 . 9 . 0	get it	
	NP-19	27/03/2003	6 . 10 . 0	get it	
					not issued, w/proc compatibility probs
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	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-27		6 . 0 . 0		withdrawn SMG-30; ; reinstated NP-16
	NP-16	26/06/2002	6 . 1 . 0	get it	<i>remarks - general:</i>
					<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	get it	minor editorials to change style from TS to TR.

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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
GP-07	04/01/2002	6	.	1	.	0
GP-08	19/02/2002	6	.	2	.	0
GP-12	03/01/2003	6	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[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
NP-05	08/10/1999	6	.	1	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS 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):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26

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

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):* G1 / - *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:* ALEXANDER, Benni NOKIA Corporation
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> ALEXANDER, Benni	NOKIA Corporation		
	<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> G1 / 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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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 R96 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>						
	SP-20 25/06/2003 5 . 0 . 0			get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for	
					<i>remarks - this release:</i>	. backwards extension to earlier releases.	
<hr/>							
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / GP / NP	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S	
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael		
	<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:</i>		
<hr/>							
TR 01.04	Abbreviations and acronyms						
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, 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>		
	ETSI publication 30/10/2001 5 . 0 . 2			get it			
<hr/>							
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study						
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	GRAETZ, Ingeborg	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	smg-19 28/06/1996 5 . 0 . 0			get it	<i>remarks - general:</i>		
	smg-20 11/11/1996 5 . 0 . 1			get it	<i>remarks - this release:</i>		

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02 .- series

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 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	<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 . 2 . 0	get it	
smg-24	19/12/1997	5 . 3 . 0	get it	
smg-26	26/06/1998	5 . 4 . 0	get it	
smg-29	25/06/1999	5 . 5 . 0	get it	

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, 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 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 02.04 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
NP

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
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 *current version:* 5.7.1 *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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ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, 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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ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, 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		

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		

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	

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 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 02.83	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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ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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](#)

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R96 *current version:* 5.1.0 *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 / T2	<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-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				
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-17 5 . 0 . 0		<i>remarks - general:</i>			
	ETSI OAP 25/11/1996 5 . 0 . 1	get it	<i>remarks - this release:</i>			
	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				
	NP-21 09/10/2003 5 . 5 . 0	get it				
<hr/>						
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	<i>G: yes 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>			
			<i>remarks - this release:</i> #20: 5.0.0			

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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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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:</i> #20: 5.0.0		
<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 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:</i> #17: 5.0.0		
<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:</i> #20: 5.0.0		
<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:</i> #16: 5.0.0 #21: 5.1.0		

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](#)
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TS 03.20 Security-related Network Functions

R96 *current version:* 5.2.1

freeze_meeting: smg-22

WG (prime / other): S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
GP Sebastien

G: yes U: *MCC:* 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			
<hr/>							
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels 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			
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 11/10/1996			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>	#20: 5.0.0	
<hr/>							
TS 03.32	Universal Geographical Area Description (GAD)						
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, 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
ETSI publication 5 . 4 . 1
smg-21 14/02/1997 5 . 5 . 0
ETSI publication 5 . 5 . 1
smg-22 13/06/1997 5 . 6 . 0
Editorial correction 13/07/1997 5 . 6 . 1

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

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

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

[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

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TS 03.40 Technical realization of the Short Message Service (SMS)

R96 *current version:* 5.8.1

freeze_meeting: smg-22

history (event, available, version, 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 Research In Motion Limited

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

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

[get it](#) *remarks - this release:* 2003-12-03: Note that this spec also contains stage 3.

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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 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, 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 Research In Motion 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>
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>

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

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 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

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: yes</i> <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 S.p.A.	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version, comments):</i>	<i>G: yes</i> <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
	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>history (event, available, version, comments):</i>	<i>G: yes</i> <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	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
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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> 5.6.0	<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>				
	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					
	NP-21 13/10/2003	5 . 6 . 0		get it					

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 03.69 Voice Broadcast service (VBS); Stage 2

R96 *current version:* 5.6.0

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
NP-21	13/10/2003	5	.	6	.	0

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 customized 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
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 11/10/1996 5 . 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: #20: 5.0.0

TS 03.90 Unstructured Supplementary Service Data (USSD)

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* CHOTAI, Sunil mm02 plc
G: yes U: *MCC:* KYMALAINEN, Kimmo

[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
freeze_meeting: smg-22
history (event, available, version, comments):
smg-16 20/10/1995 5 . 0 . 0
smg-18 12/04/1996 5 . 0 . 1
smg-19 28/06/1996 5 . 0 . 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:* #16: 5.0.0 #18: 5.0.1 #19: 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
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 11/10/1996 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: #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	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, comments): smg-18 12/04/1996 5 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		
		get it	remarks - general: remarks - this release: #18: 5.0.0		
<hr/>					
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R96	current version: 5.3.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, comments): smg-18 12/04/1996 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0 smg-22 13/06/1997 5 . 2 . 0 smg-24 19/12/1997 5 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
		get it			
		get it			
		get it			
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG	
	history (event, available, version, comments): smg-20 11/10/1996 5 . 0 . 0 ETSI publication 02/05/1997 5 . 0 . 1 smg-24 19/12/1997 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert		
		get it	remarks - general: remarks - this release:		
		get it			
		get it			
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, comments): smg-20 11/10/1996 5 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		
		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 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: 5.20.0

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	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-31b	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		
GP-15	10/07/2003	5 . 20 . 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 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* SKOV, Kimmo
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0 *remarks - general:*
edito 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan
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 . 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](#)

TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

R96 *current version:* 5.0.2 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #19: 5.0.0 #20: 5.0.1
ETSI Publication 28/11/2000 5 . 0 . 2 [get it](#)

TS 04.13 Performance Requirements on Mobile Radio Interface

R96 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: smg-22 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 . 1 . 0 [get it](#) *remarks - this release:* #18: 5.0.0 #20: 5.1.0
ETSI Publication 28/11/2000 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 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:				
	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.

3GPP specification status

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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](#)

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3GPP specification status

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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

history (event, available, version, comments):

smg-17	02/02/1996	5	.	0	.	0
smg-18	12/04/1996	5	.	1	.	0
smg-19	28/06/1996	5	.	2	.	0
smg-20	11/10/1996	5	.	3	.	0
ETSI publication	13/05/1997	5	.	3	.	1
smg-21	14/02/1997	5	.	4	.	0
ETSI publication	26/08/1997	5	.	4	.	1
smg-22	13/06/1997	5	.	5	.	0
ETSI publication	02/02/1998	5	.	5	.	1
smg-23	17/10/1997	5	.	6	.	0
smg-24	19/12/1997	5	.	7	.	0
ETSI publication	17/06/1998	5	.	7	.	1
smg-25	20/03/1998	5	.	8	.	0
ETSI publication	23/10/1998	5	.	8	.	1
smg-26	26/06/1998	5	.	9	.	0
ETSI publication	11/12/1998	5	.	9	.	1
smg-27	16/10/1998	5	.	10	.	0
ETSI publication	09/03/1999	5	.	10	.	1
smg-29	25/06/1999	5	.	11	.	0
ETSI publication	22/12/1999	5	.	11	.	1
smg-30	11/11/1999	5	.	12	.	0
GP-01	09/10/2000	5	.	13	.	0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

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

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ACTIVE specs R96 05 .- series
Server 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

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

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

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remarks - general:

remarks - this release:

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TS 05.10 Radio subsystem synchronization

R96 *current version:* 5.4.1

freeze_meeting: smg-22

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

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

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remarks - general:

remarks - this release:

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3GPP specification status

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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
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 11/10/1996 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: #20: 5.0.0

TR 05.50 Background for RF Requirements

R96 *current version:* 5.1.1
freeze_meeting: smg-22
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 . 1 . 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:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1
[get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 28/05/1998 5 . 0 . 0 No proper source file available

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

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

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
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0
smg-23 17/10/1997 5 . 1 . 0
ETSI Publication 17/11/1997 5 . 1 . 1

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

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

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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	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 06.06	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	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 #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	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 #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	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>			
			<i>remarks - this release:</i> #20: 5.0.0			

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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 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, 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:*
smg-32 20/06/2000 5 . 2 . 0 [get it](#)
ETSI Publication 04/01/2001 5 . 2 . 1 [get it](#)
SP-12 29/06/2001 5 . 3 . 0 [get it](#)

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R96 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0 #23: 5.0.1

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R96 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, 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
SP-12 29/06/2001 5 . 1 . 0 [get it](#)

TS 06.20 Half Rate Speech Transcoding

R96 *current version:* 5.1.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #22: 5.1.0
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

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 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 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			

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 06.42	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				

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 06.54 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](#)

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 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R96 *current version:* 5.1.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
ETSI publication 28/03/1997 5 . 1 . 2 [get it](#)
smg-23 17/10/1997 5 . 1 . 3 [get it](#)

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-22 13/06/1997 5 . 1 . 2 [get it](#)
smg-30 11/11/1999 5 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 5 . 2 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R96 *current version:* 5.0.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#) *remarks - this release:* #17: 5.0.0 #20: 5.0.2 #22: 5.0.3
smg-22 13/06/1997 5 . 0 . 3 [get it](#)

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-26 26/06/1998 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 5.0.0

G = required in systems with GERAN access; 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

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: #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</i>
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:</i> #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0
smg-21	14/02/1997	5	.	1	.	0	get it
smg-22	13/06/1997	5	.	2	.	0	get it
smg-23	17/10/1997	5	.	3	.	0	get it
smg-24	19/12/1997	5	.	4	.	0	get it
ETSI Publication	19/01/1998	5	.	4	.	1	get it

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, 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 Telefon AB LM Ericsson
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 Skov
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 Skov
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 Skov
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:*
smg-18 5 . 2 . 0
smg-19 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](#)
smg-23 5 . 7 . 0
smg-24 5 . 8 . 0
smg-25 5 . 9 . 0
smg-28 29/06/1998 5 . 10 . 0 [get it](#)
smg-29 25/06/1999 5 . 11 . 0 [get it](#)
smg-31b 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>		

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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
current version: 5.0.0
freeze_meeting: smg-22

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

history (event, available, version, comments):
smg-16 20/10/1995 5 . 0 . 0

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

TS 08.56 BSC-BTS Layer 2; Specification

R96
current version: 5.0.0
freeze_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
Skov
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 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R96
current version: 5.10.0
freeze_meeting: smg-22

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

history (event, available, version, comments):
smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0

smg-19 28/06/1996 5 . 2 . 0
smg-21 14/02/1997 5 . 3 . 0
smg-22 13/06/1997 5 . 4 . 0
smg-23 17/10/1997 5 . 5 . 0
smg-24 19/12/1997 5 . 6 . 0
smg-25 20/03/1998 5 . 7 . 0
smg-26 26/06/1998 5 . 8 . 0
smg-29 25/06/1999 5 . 9 . 0
smg-30 11/11/1999 5 . 10 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25:
5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0

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.

3GPP specification status

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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:* 5.19.0

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
ETSI publication	03/06/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
edito	23/05/1997	5	.	5	.	1
ETSI publication	05/11/1997	5	.	5	.	2
smg-22	13/06/1997	5	.	6	.	0
ETSI publication	02/02/1998	5	.	6	.	1
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
ETSI publication	23/07/1998	5	.	8	.	1
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	05/09/1999	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
ETSI publication	04/08/1999	5	.	12	.	1
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	29/12/1999	5	.	13	.	1
NP-05	08/10/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-06	15/12/1999	5	.	15	.	0
NP-09	13/11/2000	5	.	16	.	0
NP-15	04/04/2002	5	.	17	.	0
include SDLs	22/07/2002	5	.	17	.	1
NP-19	04/04/2003	5	.	18	.	0
NP-21	09/10/2003	5	.	19	.	0

WG (prime / other): N4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#)

remarks - general: CN->N4 Apr00 (JMM)

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 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: yes 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: yes 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: yes 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: yes 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	current version: (PSTN)	5.10.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
history (event, available, version, comments):									
	smg-16	20/10/1995	5	.	0	.	0	get it	remarks - general:
	smg-17	02/02/1996	5	.	0	.	1	get it	remarks - this release: #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0
	smg-18	12/04/1996	5	.	1	.	0	get it	
	smg-19	28/06/1996	5	.	2	.	0	get it	
	smg-20	11/10/1996	5	.	2	.	1	get it	
	smg-21	14/02/1997	5	.	3	.	0	get it	
	smg-22	13/06/1997	5	.	4	.	0	get it	
	smg-23	17/10/1997	5	.	5	.	0	get it	
	smg-24	19/12/1997	5	.	6	.	0	get it	
	smg-25	20/03/1998	5	.	7	.	0	get it	
	smg-27	16/10/1998	5	.	8	.	0	get it	
	smg-28	12/02/1999	5	.	9	.	0	get it	
	NP-06	15/12/1999	5	.	10	.	0	get it	
	ETSI Publication	05/07/2000	5	.	10	.	1	get it	

TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R96	current version: 5.1.0	WG (prime / other):	N1	/-	rapporteur:	FARHOUMAND, Rouzbeh Ericsson Incorporated			
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-21	14/02/1997	5	.	1	.	0	get it	remarks - this release: #20: 5.0.0 #21: 5.1.0

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R96	current version: Procedures and the Mobile Application Part (MAP)	5.2.0WG (prime / other):	N4	/-	rapporteur:	KYMALAINEN, Kimmo			
TeliaSonera AB									
	freeze_meeting: smg-22		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version, 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: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0
	smg-23	17/10/1997	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 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>					
	smg-17? 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	5	.	0	.	0	
smg-19	5	.	1	.	0	<i>remarks - general:</i>
edito	5	.	1	.	2	<i>remarks - this release:</i> Jun00: version we have is actually 5.1.2 !
smg-20	5	.	2	.	0	
Editorial correction	11/11/1996	5	.	2	.	1

[get it](#)

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-21	14/02/1997	1	.	0	.	0	get it <i>remarks - general:</i>
smg-25	20/03/1998	1	.	1	.	0	get it <i>remarks - this release:</i> #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0
smg-25	20/03/1998	5	.	0	.	0	get it
smg-28	12/02/1999	5	.	1	.	0	get it

TR 10.14 System overview for 14.4 kbit/s Work Item

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

smg-22	18/06/1997	1	.	0	.	0	get it <i>remarks - general:</i> still alive? June-2001:no. So no propogation to later releases.
smg-22	23/07/1997	1	.	0	.	1	get it <i>remarks - this release:</i>
smg-22		2	.	0	.	0	
smg-22		5	.	0	.	0	

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):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-22

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

smg-18 12/04/1996 5 . 0 . 0

smg-21 14/02/1997 5 . 1 . 0

[get it](#)

[get it](#)

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently replaced

remarks - this release: #31bis: closed (R99 version serves all releases) by Rel-5 equivalent. 2001-11-19: G4-

>G5.

smg-22 13/06/1997 5 . 2 . 0

smg-23 17/10/1997 5 . 3 . 0

smg-24 19/12/1997 5 . 4 . 0

smg-25 20/03/1998 5 . 5 . 0

smg-26 06/06/1998 5 . 6 . 0

smg-27 16/10/1998 5 . 7 . 0

smg-28 12/02/1999 5 . 8 . 0

smg-29 25/06/1999 5 . 9 . 0

smg-30 11/11/1999 5 . 10 . 0

smg-31 16/02/2000 5 . 11 . 0

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Editorial correction 16/02/2000 5 . 11 . 1

GP-06 06/09/2001 5 . 12 . 0

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Editorial correction 01/08/2002 5 . 12 . 1

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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):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-22

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

smg-30 11/11/1999 5 . 0 . 0

smg-18 12/04/1996 5 . 0 . 0

ETSI publication 23/06/2000 5 . 0 . 1

GP-06 06/09/2001 5 . 1 . 0

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

remarks - this release: #32:closed GP-06: Rel-4 serves all releases. But this version still exists!

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):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 G3ne
w

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

smg-30 11/11/1999 5 . 0 . 0
smg-31 16/02/2000 5 . 1 . 0

[get it](#) *remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
[get it](#) *remarks - this release:* GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from G5,

version not derived from R96 by CR; also to withdraw the R96 version, since the R99

and to approve a new R99 version not derived from R96 by CR; also to withdraw the version will cover all previous Releases. TP-20: accepted by T3 (from G4).

editorial 15/09/2000 5 . 1 . 1

[get it](#)

R96 version, since the R99 version will cover all previous Releases.

GP-02 30/11/2000 5 . 2 . 0
GP-04 29/03/2001 5 . 3 . 0
GP-04 11/04/2001 5 . 3 . 0
GP-06 31/08/2001 5 . 4 . 0
GP-07 09/01/2002 5 . 5 . 0
GP-13 21/02/2003 5 . 6 . 0

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TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96 *current version:* 5.10.1 *WG (prime / other):* 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
smg-17 02/02/1996 5 . 1 . 0
smg-18 12/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 4 . 0
smg-21 14/02/1997 5 . 5 . 0
smg-22 13/06/1997 5 . 6 . 0
smg-23 17/10/1997 5 . 7 . 0
smg-24 19/12/1997 5 . 8 . 0
smg-25 20/03/1998 5 . 9 . 0
smg-26 26/06/1998 5 . 10 . 0
Editorial correction 26/06/1998 5 . 10 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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 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> G1 / -	<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 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 17/10/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.08 Subscriber and Equipment trace

R96 *current version:* 5.1.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 5 . 1 . 0 [get it](#) *remarks - this release:*
Editorial correction 20/03/1998 5 . 1 . 1 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R96 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
remarks - this release:

Ph2

Ph2 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN 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 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system							
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-20 25/06/2003 4 . 0 . 0			get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for		
					<i>remarks - this release:</i>	. backwards extension to earlier releases.		
<hr/>								
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)							
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i>	S1 / GP / NP	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>							
	smg-07 25/06/1993 4 . 0 . 1			get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 0 . 2			get it	<i>remarks - this release:</i>			
<hr/>								
TR 01.04	Abbreviations and acronyms							
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version, comments):</i>							
	smg-08 01/10/1993 4 . 0 . 1			get it	<i>remarks - general:</i>			
	smg-09 21/01/1994 4 . 0 . 3			get it	<i>remarks - this release:</i>			
	smg-10 15/04/1994 4 . 0 . 4			get it				
	smg-11 01/07/1994 4 . 1 . 0			get it				
	smg-12 07/10/1994 4 . 1 . 1			get it				
	smg-14 07/04/1994 4 . 1 . 2			get it				

Ph2

02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN 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 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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>			
	smg-10 15/04/1994 4 . 4 . 0	get it				
	smg-11 01/07/1994 4 . 4 . 1	get it				
	smg-12 07/10/1994 4 . 5 . 0	get it				
	smg-15 07/07/1995 4 . 6 . 0	get it				

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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				

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				

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
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 25/06/1993 4 . 1 . 1
smg-08 01/10/1993 4 . 2 . 0
smg-14 07/04/1995 4 . 3 . 0
smg-16 07/07/1995 4 . 4 . 0
smg-22 13/06/1997 4 . 5 . 0
ETSI OAP 21/07/1997 4 . 5 . 1
ETSI publication 14/01/1998 4 . 5 . 2

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 02.07 Mobile Station (MS) Features

Ph2 *current version:* 4.8.2
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 25/06/1993 4 . 4 . 1
smg-08 01/10/1993 4 . 4 . 2
smg-10 15/04/1994 4 . 5 . 0
smg-11 01/07/1994 4 . 6 . 0
smg-15 07/07/1995 4 . 7 . 0
smg-22 13/06/1997 4 . 8 . 0
ETSI OAP 21/07/1997 4 . 8 . 1
ETSI publication 14/01/1998 4 . 8 . 2

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

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[get it](#) *remarks - this release:*
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TS 02.09 Security aspects

Ph2 *current version:* 4.5.1
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 25/06/1993 4 . 2 . 1
smg-12 07/10/1994 4 . 3 . 0
smg-22 13/06/1997 4 . 4 . 0
ETSI publication 14/01/1998 4 . 4 . 1
smg-31 16/02/2000 4 . 5 . 0
ETSI publication 29/08/2000 4 . 5 . 1

WG (prime / other): S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: yes U: *MCC:* POPE, Maurice

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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.

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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			
	ETSI PE 01/11/1993 4 . 3 . 2		get it			
	ETSI publication 13/09/1994 4 . 3 . 3		get it			

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

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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	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>		
	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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<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			

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 02.81 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](#)
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[get it](#)
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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](#)

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 02.85 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

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 03.01	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					
	ETSI Publication 25/07/1993	4 . 0 . 4					
			get it	<i>remarks - general:</i>	SMG3->SA2 @ TSG#7		
			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					
	smg-17 02/02/1996	4 . 1 . 0					
	smg-18 12/04/1996	4 . 2 . 1					
			get it	<i>remarks - general:</i>			
			get it	<i>remarks - this release:</i>	#7: 4.0.1 #17: 4.1.0 #18: 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					
	smg-08 01/10/1993	4 . 6 . 0					
	smg-09 21/01/1994	4 . 8 . 0					
	smg-12 07/10/1994	4 . 9 . 0					
	NP-07 17/03/2000	4 . 10 . 0					
	NP-08 23/06/2000	4 . 11 . 0					
	Editorial 04/01/2001	4 . 11 . 1					
			get it	<i>remarks - general:</i>			
			get it	<i>remarks - this release:</i>			
			get it				
			get it				
			get it				
			get it				
			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					
	Publication 19/01/1996	4 . 0 . 4					
			get it	<i>remarks - general:</i>			
			get it	<i>remarks - this release:</i>	#7: 4.0.1		

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

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			

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 03.10 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 *remarks - general:*
ETSI public enquiry 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*
smg-09 4 . 5 . 0
smg-10 4 . 6 . 0
smg-11 4 . 7 . 0
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 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*

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 03.14	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> KYMALAINEN, Kimmo	Chalmers		
	<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 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 03.22	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	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	smg-10	4 . 0 . 0		<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)

Ph2 *current version:* 4.13.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-07	25/06/1993	4 . 6 . 0	get it	<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.
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 (SMS-CB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, 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 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

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 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

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

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	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	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			
<hr/>					
TS 04.04	Layer 1 - General Requirements				
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC:	THOMASEN, Gert	
	<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>	
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
	<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>	
<hr/>					
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Ph2	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	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 *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-07 25/06/1993 4 . 1 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 3 . 0 [get it](#)
ETSI Publication 07/11/1997 4 . 3 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS 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:* 4.25.0 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	
GP-15	10/07/2003	4 . 25 . 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>				
	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		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		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-07 25/06/1993 4 . 1 . 0			get it	<i>remarks - general:</i>	
	smg-13 27/01/1995 4 . 2 . 0			get it	<i>remarks - this release:</i> #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0	
	smg-15 07/07/1995 4 . 3 . 0			get it		
	smg-21 14/02/1997 4 . 4 . 0			get it		
	smg-22 13/06/1997 4 . 5 . 0			get it		
	Editorial 13/07/1997 4 . 5 . 1			get it		

TS 05.04	Modulation					
Ph2	<i>current version:</i> 4.0.3		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		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-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

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
ETSI Publication	01/09/2003	4	.	12	.	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

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

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

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

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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

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

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

[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 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 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 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 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 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			
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TS 06.51	GSM Enhanced full rate speech processing functions: General description					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	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			
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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>		

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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>		

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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](#)

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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 Research In Motion 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	

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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 Telefon AB LM Ericsson
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 <i>remarks - general:</i>
smg-18	12/04/1996	4	.	1	.	0	get it <i>remarks - this release:</i>
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 <i>remarks - general:</i>
ETSI Publication	13/09/1994	4	.	0	.	3	get it <i>remarks - this release:</i>

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 <i>remarks - general:</i>
smg-10	15/04/1994	4	.	1	.	0	get it <i>remarks - this release:</i>
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
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
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
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](#)
ETSI Publication 01/09/2003 4 . 7 . 1 [get it](#)
smg-13 27/01/1995 4 . 8 . 0 [get it](#)
smg-15 07/07/1995 4 . 9 . 0 [get it](#)
smg-16 20/10/1995 4 . 10 . 0 [get it](#)
smg-17 02/02/1996 4 . 11 . 0 [get it](#)
smg-23 17/10/1997 4 . 12 . 0 [get it](#)
ETSI Publication 23/10/1998 4 . 12 . 1 [get it](#)

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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>	
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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>	
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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		
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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>	
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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>	

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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

[get it](#)

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TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

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			

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			

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 ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol

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.

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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):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

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):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

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.

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ACTIVE specs Ph2 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

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	
ETSI Publication	01/09/2003	4 . 13 . 1	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 Corporation
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 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 11.21	Base Station System (BSS) equipment specification; Radio aspects				
Ph2	<i>current version:</i> 4.14.1	<i>WG (prime / other):</i> G1 / -	<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> G1 / -	<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-31b 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):* G1 / - *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	get it	<i>remarks - general:</i>
smg-15	07/07/1995	4 . 1 . 0	get it	<i>remarks - this release:</i> Not progressed to Ph2+ because no regulatory requirement.
smg-16	20/10/1995	4 . 2 . 0	get it	
smg-17	02/02/1996	4 . 3 . 0	get it	
smg-18	12/04/1996	4 . 4 . 0	get it	
smg-19	28/06/1996	4 . 5 . 0	get it	
smg-21	14/02/1997	4 . 6 . 0	get it	
smg-22	13/06/1997	4 . 7 . 0	get it	
smg-23	17/10/1997	4 . 8 . 0	get it	
smg-25	20/03/1998	4 . 9 . 0	get it	
Editorial	20/10/1998	4 . 9 . 1	get it	

TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-14	07/04/1995	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-20	11/10/1996	4 . 1 . 0	get it	<i>remarks - this release:</i> #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0
smg-25	20/03/1998	4 . 2 . 0	get it	
smg-27	16/10/1998	4 . 3 . 0	get it	
Editorial correction	16/10/1998	4 . 3 . 1	get it	

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G1 / - *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	get it	<i>remarks - general:</i>
smg-17	02/02/1996	4 . 1 . 0	get it	<i>remarks - this release:</i>
smg-18	12/04/1996	4 . 2 . 0	get it	
smg-20	11/10/1996	4 . 2 . 2	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					
		<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			
				get it	<i>remarks - general:</i>	
				get it	<i>remarks - this release:</i>	
				get it		
				get it		
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					
		<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			
				get it	<i>remarks - general:</i>	
				get it	<i>remarks - this release:</i>	
				get it		
				get it		
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					
		<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> ALEXANDER, Benni		NOKIA Corporation	
		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
				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 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 12.06 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	<i>remarks - general:</i>
smg-12	07/10/1994	4	.	0	.	1	get it	<i>remarks - this release:</i>
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	<i>remarks - general:</i>
smg-14	07/04/1995	4	.	1	.	0	get it	<i>remarks - this release:</i>
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	<i>remarks - general:</i>
Editorial correction	26/06/1998	4	.	2	.	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 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):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-06? 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 28/05/1998 4 . 5 . 4 [get it](#)
smg-21 4 . 6 . 0

TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 *current version:* 4.1.4 *WG (prime / other):* G1 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
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.

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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 03.20ext Security-related Network Functions (Ext)

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 01/09/2003 3 . 0 . 0 addendum to 03.20 v3.3.2 [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 04.08ext Mobile radio interface layer 3 specification, part 1 (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0 extension to 04.08 v3.13.0 [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 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 08.08ext Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)

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 08.58ext Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)

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 based on 08.58 v3.5.0 [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 02.06dcs Types of Mobile Stations (MS) - DCS 1800

Ph1-DCS *current version:* 3.0.0 *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:*
remarks - this release: .

G = required in systems with GERAN access; 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 02.11dcs Service accessibility (DCS 1800)

Ph1-DCS *current version:* 3.1.0

freeze_meeting:

history (event, available, version, comments):

? 10/05/1994 3 . 0 . 0 illegible
smg-01 10/05/1994 3 . 0 . 1
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:*

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

[get it](#)

Ph1-DCS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12dcs Location Registration Procedures (DCS 1800)

Ph1-DCS *current version:* 3.0.1

freeze_meeting:

history (event, available, version, comments):

ETSI publication 19/08/2003 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 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1-DCS *current version:* 3.1.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 01/01/1995 3 . 1 . 0 extension to 04.08 v3.13.0

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

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

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

remarks - this release: .

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 05.01dcs Physical Layer on the Radio Path (General Description) (DCS 1800)

Ph1-DCS *current version:* 3.0.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 01/01/1995 3 . 0 . 0 based on 05.01 v3.3.2

WG (prime / other): G1 / -

G: yes U:

rapporteur: JOKINEN, Harri

MCC: USAI, Paolino

NOKIA MOBILE PHONES

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

TS 05.05dcs Radio Transmission and Reception (DCS 1800)

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 based on 05.05 v3.16.0

WG (prime / other): G1 / -

G: yes U:

rapporteur: SAMUELSSON, Mats

MCC: USAI, Paolino

Telefon AB LM Ericsson

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

TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

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 / -

G: yes U:

rapporteur: EL-SAIGH, Amer

MCC: USAI, Paolino

VODAFONE Group Plc

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

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DCS *current version:* 3.0.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 01/01/1995 3 . 0 . 0 based on 08.58 v3.5.0

WG (prime / other): G2 / -

G: yes U:

rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S

Skov
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 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)

Ph1-DCS *current version:* 3.0.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 03/03/1993 3 . 0 . 0 based on 09.02 v3.8.0

WG (prime / other): N4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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

remarks - this release:

TS 09.10dcs Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DCS *current version:* **Procedures and the Mobile Application Part (MAP) (DCS 1800)**

3.0.0 *WG (prime / other):* N4

/-

rapporteur:

KYMALAINEN, Kimmo

TeliaSonera AB

freeze_meeting:

G: yes U:

MCC:

KYMALAINEN, Kimmo

history (event, available, version, comments):

ETSI publication 01/01/1995 3 . 0 . 0

[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 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1-DCS *current version:* 3.23.1

freeze_meeting:

WG (prime / other): G3ne / S1 / *rapporteur:* LEGRAND, Walter EADS TELECOM

G3ne
w /
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	based on 11.10 v3.19.0
smg-13	07/06/1996	3	.	13	.	0	
ETSI publication	01/12/1996	3	.	23	.	1	

remarks - general:
remarks - this release:

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

TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-DCS *current version:* 3.3.4

freeze_meeting:

WG (prime / other): 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:

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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 11.20dcs 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 11.40dcs 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): G3ne / - *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

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Ph1 *current version:* 3.1.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-20 25/06/2003 3 . 0 . 0 Created from 41.103. [get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
SP-21 26/09/2003 3 . 1 . 0 [get it](#) *remarks - this release:* . backwards extension to earlier releases.

TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: gsm-25b G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
gsm-29 2 . 0 . 3 *remarks - general:*
smg-12 07/10/1994 3 . 0 . 0 [get it](#) *remarks - this release:* .
ETSI publication 01/01/1995 3 . 0 . 1 [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:* .

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 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	CEPT GSM doc 03/01/1991 3 . 4 . 0		get it	<i>remarks - general:</i>		
	edito 22/07/1998 3 . 4 . 1		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 02.04	General on Supplementary Services					
Ph1	<i>current version:</i> 3.7.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	- 24/07/1998 3 . 7 . 0		get it	<i>remarks - general:</i>		
	CEPT GSM doc 03/01/1991 3 . 7 . 1		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	31/08/2001 3 . 1 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 2 . 0		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 02.07	Mobile Station (MS) Features					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	- 10/05/1994 3 . 3 . 0		get it	<i>remarks - general:</i>		
	- 10/05/1994 3 . 4 . 0		get it	<i>remarks - this release:</i> .		
	ETSI publication 01/01/1995 3 . 4 . 1		get it			
<hr/>						
TS 02.09	Security aspects					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON, Per	Telia Promotor AB		
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	ETSI publication 01/01/1995 3 . 1 . 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 Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	gsm-29 30/08/2001 3 . 5 . 0		get it	<i>remarks - general:</i>		
	smg-01 30/08/2001 3 . 6 . 0		get it	<i>remarks - this release:</i>		
	ETSI publication 01/01/1995 3 . 7 . 0		get it			
<hr/>						
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:	<i>MCC:</i> 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:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 3 . 1 . 2		get it	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 2 . 0		get it	<i>remarks - this release:</i> .		
<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:	<i>MCC:</i> 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:	<i>MCC:</i> 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 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> .			
<hr/>						
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> .			
<hr/>						
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: Chalmers 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> .			

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

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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>						
	gsm4 06/05/2003 2 . 0 . 0 Jan 1988			get it	<i>remarks - general:</i>		
	gsm4 06/05/2003 3 . 0 . 0 Feb 1988			get it	<i>remarks - this release:</i> .		
	gsm4 06/05/2003 3 . 1 . 0 Jul 1988			get it			
	gsm4 06/05/2003 3 . 2 . 0 Nov 1988			get it			
	ETSI publication 01/01/1995 3 . 3 . 0			get it			
<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> .		
<hr/>							
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> .		

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

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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 *current version:* 3.0.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 2

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

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

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph1 *current version:* 3.0.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 2

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: MCC: JORGENSEN, Per Johan

SIEMENS AG

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

TS 03.20 Security-related Network Functions

Ph1 *current version:* 3.3.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0
ETSI publication 01/01/1995 3 . 3 . 2

WG (prime / other): S3 / NP / GP
G: yes U: *rapporteur:* NGUYEN NGOC, Sebastien
MCC: POPE, Maurice

France Telecom

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

TS 03.40 Technical realization of the Short Message Service (SMS)

Ph1 *current version:* 3.7.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
gsm4 06/05/2003 2 . 1 . 0 Sep 1988
gsm4 06/05/2003 2 . 1 . 1 Nov 1988
gsm4 06/05/2003 3 . 0 . 0 Apr 1989
gsm4 06/05/2003 3 . 4 . 0 Jan 1990
gsm4 06/05/2003 3 . 4 . 1 Oct 1990
gsm4 06/05/2003 3 . 5 . 0 Feb 1992
smg-08 05/09/1997 3 . 6 . 0
smg-09 01/01/1995 3 . 7 . 0

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

Research In Motion Limited

[get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
[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 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)

Ph1 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

gsm4	06/05/2003	1	.	1	.	1	Sep 1988	get it	<i>remarks - general:</i>
gsm4	06/05/2003	1	.	2	.	1	Nov 1988	get it	<i>remarks - this release:</i> .
gsm4	06/05/2003	2	.	0	.	0	Jan 1988 - rejected GSM-17b	get it	
gsm4	06/05/2003	3	.	2	.	0	Jan 1990	get it	
gsm4	06/05/2003	3	.	2	.	1	Oct 1990	get it	
gsm4	06/05/2003	3	.	3	.	0	Jan 1991	get it	
ETSI publication	01/01/1995	3	.	4	.	0		get it	

TR 03.43 Support of Videotex

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

gsm4	06/05/2003	1	.	0	.	1	Jun 1988	get it	<i>remarks - general:</i>
ETSI publication	01/01/1995	3	.	0	.	1		get it	<i>remarks - this release:</i> .

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

gsm4	06/05/2003	1	.	0	.	0	Sep 1988	get it	<i>remarks - general:</i>
gsm4	06/05/2003	1	.	1	.	0	Nov 1988	get it	<i>remarks - this release:</i> .
gsm4	06/05/2003	2	.	0	.	0		get it	
ETSI publication	01/01/1995	3	.	0	.	1		get it	

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph1 *current version:* 3.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

gsm	06/05/2003	1	.	0	.	0	Sep 1988	get it	<i>remarks - general:</i>
gsm	06/05/2003	2	.	0	.	0	Jan 1989	get it	<i>remarks - this release:</i>
smg-05		3	.	2	.	0			
ETSI publication	01/01/1995	3	.	3	.	0	exists in PDF only	get it	

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

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph1 *current version:* 3.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release:

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

Ph1 *current version:* 3.0.1 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: gsm-25b *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version, comments):
09/10/1997 3 . 0 . 1 [get it](#) *remarks - general:* SMG9->T3@#31
remarks - this release: .

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

Ph1 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#) *remarks - general:*
remarks - this release: #4: 3.2.2 #8: 3.3.0 #11: 3.4.0

TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

Ph1 *current version:* 3.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
gsm4 06/05/2003 1 . 0 . 0 Jul 1988 [get it](#) *remarks - general:* N3: "no R99 needed".
gsm4 06/05/2003 2 . 0 . 0 Sep 1988 [get it](#) *remarks - this release:* .
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#)

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph1 *current version:* 3.2.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1 [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 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

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): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

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

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
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 1

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 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph1
current version: 3.0.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 2

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

Ph1
current version: 3.0.3
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 3

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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.04	Layer 1 - General Requirements				
Ph1	<i>current version:</i> 3.3.4	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995				0 . 0 . 0 3 . 3 . 4
		get it			<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
Ph1	<i>current version:</i> 3.1.5	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995				3 . 1 . 5
		get it			<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
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	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov	
	<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> .
<hr/>					
TS 04.08	Mobile radio interface layer 3 specification				
Ph1	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995				3 . 13 . 0
	ETSI publication 15/09/1997				3 . 14 . 0
		get it			<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomassen
		get it			<i>remarks - this release:</i> . (even numbered CRs!)

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ACTIVE specs Ph1 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								
Ph1	current version: 3.2.3 freeze_meeting: gsm-25b	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
		G: yes U:	MCC: KYMALAINEN, Kimmo						
	history (event, available, version, comments): ETSI publication 01/01/1995 3 . 2 . 3		get it	remarks - general: remarks - this release: .					
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
Ph1	current version: 3.3.0 freeze_meeting: gsm-25b	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation					
		G: yes U:	MCC: JORGENSEN, Per Johan						
	history (event, available, version, comments): ETSI publication 01/01/1995 3 . 3 . 0		get it	remarks - general: remarks - this release: #5:3.3.0					
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
Ph1	current version: 3.2.1 freeze_meeting: gsm-25b	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
		G: yes U:	MCC: THOMASEN, Gert						
	history (event, available, version, comments): ETSI publication 01/01/1995 3 . 2 . 1		get it	remarks - general: remarks - this release: .					
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph1	current version: 3.4.0 freeze_meeting: gsm-25b	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation					
		G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version, comments): gsm4 06/05/2003 2 . 0 . 0 Feb 1988 gsm4 06/05/2003 3 . 0 . 0 Feb 1988 gsm4 06/05/2003 3 . 1 . 0 Jun 1988 ETSI publication 01/01/1995 3 . 4 . 0		get it	remarks - general: get it remarks - this release: . get it 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								
Ph1	current version: Centre (BSS - MSC) interface SIEMENS AG	3.7.0	WG (prime / other): N3	/-	rapporteur: KLEHN, Norbert				
		G: yes U:	MCC: BOSWARTHICK, David						
	freeze_meeting: gsm-25b history (event, available, version, comments): ETSI publication 01/01/1995 3 . 7 . 0		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 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph1 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 3 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 3 [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 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 3 . 2 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Ph1 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[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
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
remarks - this release: #12: 3.6.1

TS 05.04 Modulation

Ph1 *current version:* 3.1.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 2

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

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

TS 05.05 Radio Transmission and Reception

Ph1 *current version:* 3.16.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
smg-04 3 . 14 . 0
smg-06b 3 . 15 . 0
ETSI publication 01/01/1995 3 . 16 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

Telefon AB LM Ericsson

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

TS 05.08 Radio Subsystem Link Control

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): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

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remarks - this release:

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ACTIVE specs Ph1 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10 Radio subsystem synchronization
Ph1 *current version:* 3.5.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
smg-04 01/01/1995 3 . 5 . 1

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

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

Ph1 **06** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
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:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

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

TS 06.10 Full Rate Speech Transcoding
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): S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors
G: yes U: *MCC:* USAI, Paolino

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

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels
Ph1 *current version:* 3.0.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* USAI, Paolino

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

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ACTIVE specs Ph1 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.32 Voice Activity Detection (VAD)

Ph1 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino One
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph1 *current version:* 3.14.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
gsm-20 3 . 2 . 0 *remarks - general:*
ETSI publication 01/01/1995 3 . 14 . 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 Ph1 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

Ph1 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 8 . 0 [get it](#) *remarks - general:*
remarks - this release: #2: 3.8.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph1 *current version:* 3.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#) *remarks - general:*
remarks - this release: #5: 3.4.0

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 *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: .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph1 *current version:* 3.3.1 *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 . 3 . 1 [get it](#) *remarks - general:*
remarks - this release: .

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

3GPP specification status

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ACTIVE specs Ph1 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

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 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Ph1 *current version:* 3.5.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

ETSI publication 01/01/1995 3 . 5 . 2

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

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

ETSI publication 01/01/1995 3 . 10 . 1

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

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

3GPP specification status

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ACTIVE specs Ph1 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
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: .

TS 08.56 BSC-BTS Layer 2; Specification
Ph1 *current version:* 3.1.1 *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 . 1 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.58 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification
Ph1 *current version:* 3.6.0 *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:*
smg-10 01/01/1995 3 . 6 . 0 [get it](#) *remarks - this release:* #10: 3.6.0

TS 08.59 BSC-BTS O&M Signalling Transport
Ph1 *current version:* 3.1.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: gsm-25b G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 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 Ph1 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
Ph1 *current version:* 3.3.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 3 . 1 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
remarks - this release: .

Ph1 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
Ph1 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 09.02 Mobile Application Part (MAP) Specification
Ph1 *current version:* 3.11.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
ETSI publication 11/02/1991 3 . 8 . 0 [get it](#) *remarks - this release:*
smg-10 14/06/1994 3 . 9 . 0 [get it](#)
14/10/1994 3 . 10 . 0 [get it](#)
ETSI publication 01/01/1995 3 . 11 . 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
Ph1 *current version:* Network (PLMN) 3.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David
ETSI Secretariat *G: yes U:* *MCC:* BOSWARTHICK, David
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:* N3: "no R99 needed".
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 Ph1 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)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, 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	<i>G: yes U:</i>	<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> .
<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								
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	<i>G: yes U:</i>	<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 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Ph1	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo					
	TeliaSonera AB								
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, 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	<i>G: yes U:</i>	<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> .

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

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): G3ne / S1 / rapporteur: LEGRAND, Walter EADS TELECOM

G3ne
w /
NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

First complete draft	01/01/1992	1 . 0 . 0	
gsm-27		3 . 1 . 0	
gsm-28		3 . 2 . 0	
gsm-29		3 . 3 . 0	
gsm-30		3 . 4 . 0	
gsm-31		3 . 5 . 0	
gsm-32		3 . 6 . 0	
smg-01		3 . 7 . 0	
smg-02		3 . 8 . 0	
smg-03		3 . 9 . 0	
smg-04bis		3 . 10 . 0	
smg-05		3 . 11 . 0	
smg-06		3 . 12 . 0	
smg-07		3 . 13 . 0	
smg-08 ?	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:

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ACTIVE specs Ph1 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
Ph1 *current version:* 3.16.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 3 . 3 [get it](#) *remarks - general:*
ETSI publication 01/01/1995 3 . 16 . 0 [get it](#) *remarks - this release:*

TS 11.30 Mobile Services Switching Centre
Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:* VACANT,
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 11.31 Home Location Register Specification
Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:*
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 11.32 Visitor Location Register Specification
Ph1 *current version:* 3.2.1 *WG (prime / other):* GP / - *rapporteur:*
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 11.40 GSM System Simulator specification
Ph1 *current version:* 3.7.0 *WG (prime / other):* G3ne / - *rapporteur:*
freeze_meeting: gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
ETSI publication 01/01/1996 3 . 3 . 0 [get it](#) *remarks - general:*
smg-02 3 . 6 . 0 *remarks - this release:* #2: 3.6.0 #11: 3.7.0
smg-11 01/01/1996 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 Ph1 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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: yes *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 access; 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

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

TS 22.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 1)

current version: none *WG (prime / other):* S1 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G: U: yes MCC:* CLAYTON, Michael

history (event, available, version, comments):

remarks - general:
remarks - this release:

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

TS 23.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 2)

current version: none *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G: U: yes MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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

WITHDR specs

<?>

<?>

34 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801	(reserved for T1 RF group)				
<?>	current version: none	WG (prime / other):	T1 /	rapporteur:	N, A
	freeze_meeting:	G:	U: yes	MCC:	SULTAN, Alain
<i>history (event, available, version, comments):</i>					
				remarks - general:	2002-09-16: -> 34.901.
				remarks - this release:	.

Rel-7

Rel-7

25 .- series

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

TR 25.997	(provisionally reserved for: Remote control of electrical tilting antennas) - TP-20: number not used, became 25.802.				
Rel-7	current version: none	WG (prime / other):	R3 / -	rapporteur:	HAUSER, Andreas
	freeze_meeting:	G:	U: yes	MCC:	KRAUSE, Joern
<i>history (event, available, version, comments):</i>					
				remarks - general:	RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a
				remarks - this release:	RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7. xx.8xx number instead. RP-20: confirmed, so this one stopped

Rel-6

Rel-6 **21** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series**TS 21.104 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (Rel-6)**Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* POPE, Maurice*history (event, available, version, comments):**remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 6
remarks - this release: SP-20: Superseded by 21.101 Rel-4. specifications". SP-20: Superseded by 21.101

Rel-4.

Rel-6 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series**TS 22.234 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 1**Rel-6 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: *G:* *U:* yes *MCC:* CLAYTON, Michael One*history (event, available, version, comments):**remarks - general:* 2003-10-31: Spec number formally allocated
remarks - this release: .**TR 22.976 Study on PS domain services and capabilities**Rel-6 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: *G:* *U:* yes *MCC:* CLAYTON, Michael*history (event, available, version, comments):*SP-08 28/06/2000 2 . 0 . 0 SP-19: txverred from Rel-5 [get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
remarks - this release: 2003-04-07 Clayton: scrapped.Rel-6 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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

TS 23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> Created as a result of 23.895.			
			<i>remarks - this release:</i> SP-20: is in fact a Rel-5 doc.			
<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 One		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<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 Freetel Co., Ltd.		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> 2003-02-04: -> 23.976			
	S2-29 0 . 0 . 0		<i>remarks - this release:</i> 2003-02-04: -> 23.976			
	S2-29 03/02/2003 0 . 0 . 1 2003-02-04: -> 23.976	get it				
	S2-31 0 . 1 . 0					
	S2-32 0 . 2 . 0					
	S2-33 0 . 3 . 0					
	S2-34 0 . 4 . 0					
	S2-35 06/11/2003 0 . 5 . 0	get it				
<hr/>						
TR 23.878	Impacts of speech-enabled services on IMS, PS and CS domains					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> XUAN, Qing	VODAFONE Group Plc		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> SP-31: WI = SP-030539 2003-10-13: Turns out to be same document as 23.877.			
			<i>remarks - this release:</i> 2003-10-13: Turns out to be same document as 23.877.			

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

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

TR 23.964 Commonality and interoperability between IP Multimedia System (IMS) core networks

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BERTENYI, Balazs NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
S2-29 03/02/2003 0 . 3 . 1 Renumbered to 23.864 [get it](#) *remarks - general:* 2003-02-03: Renumbered to 23.864.
remarks - this release: 2003-02-03: Renumbered to 23.864.

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

TR 25.802 Remote control of electrically tilting antennas

Rel-6 *current version:* none *WG (prime / other):* R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH
freeze_meeting: G: U: yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
R3-36 0 . 1 . 0 *remarks - general:* RP-19: WI = RP-030193.
R3-37 0 . 1 . 1 *remarks - this release:* RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7.
R3-37 0 . 2 . 0 RP-21: In fact, the work item is in Rel-6, so for now, move it to Rel-6. (No draft visible yet.)
R3-38 07/11/2003 0 . 2 . 1 [get it](#)
R3-39 0 . 3 . 0
R3-39 24/11/2003 0 . 3 . 1 R3-031851 [get it](#)

TR 25.893 Radio access bearer scenarios

Rel-6 *current version:* none *WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
remarks - general: 2003-05-26: to be stopped.
remarks - this release: RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993). 2003-09-10 R2 proposes to abandon. RP-21: stopped

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

TS 33.109 Bootstrapping of application security using AKA and support for subscriber certificates; System description

Rel-6 *current version: none* WG (prime / other): S3 / - *rapporteur:* HAUKKA, Tao NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):

S3-27		0	.	1	.	0
S3-28		0	.	2	.	0
S3-29	11/09/2003	0	.	3	.	0

remarks - general: WI = SEC1-SC (UID 33002)
remarks - this release: S3-30: to be split into four separate documents.

[get it](#)

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

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

TS 33.221 Generic Authentication Architecture (GAA); Support for subscriber certificates

Rel-6 *current version:* none *WG (prime / other):* S3 / *rapporteur:* HAUKKA, Tao NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, comments):
S3-30 0 . 1 . 0 *remarks - general:* WI = SEC1-SC (UID 33002) Based on 33.109 §5 & annex A.
S3-30 03/11/2003 0 . 1 . 1 *remarks - this release:* .
S3-31 28/11/2003 0 . 2 . 0 [get it](#)
[get it](#)

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 One
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
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.

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

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

TR 33.917 (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces

Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> YAQUB, Raziq	Toshiba Corporation, Digital Media Network Company
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> POPE, Maurice	
<i>history (event, available, version, comments):</i>				
	draft	0 . 0 . 1	<i>remarks - general:</i>	Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that the TR is to be
	TOC enhanced,	0 . 0 . 2	<i>remarks - this release:</i>	Original WID = SP-030341 2003-11-26: S3 Secretary indicates that the TR is to be
internal, so number changed to 33.817.	Requirements & threat analysis added			internal, so number changed to 33.817.
More expansion on Issues 1, 4 and 5.	Reference Architecture added.	0 . 4 . 0		
	Also other updates.			
Further comments incorporated and also some editorial improvements		0 . 5 . 0		
Some comments accommodated, and editorial changes, clean up done	25/07/2003	0 . 6 . 0	TR number awarded.	get it
	draft	13/10/2003		get it
		03/11/2003		get it

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

TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system (Rel-6)

Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> POPE, Maurice	
<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>	post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 Rel-6.
			<i>remarks - this release:</i>	SP-20: Superseded by 41.101 Rel-6.

G = required in systems with GERAN acces; 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 acces; 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
freeze_meeting:

WG (prime / other): N1 / -
rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S 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-5

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

TS 21.103 3rd Generation mobile system Release 5 specifications

Rel-5
current version: none
freeze_meeting: SP-16

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

history (event, available, version, comments):

SP-12		0	.	0	.	0		SP-010275	
SP-12	05/07/2001	0	.	1	.	0		SP-010381	
SP-13	01/10/2001	1	.	0	.	0		SP-010418	
SP-15	19/03/2002	1	.	1	.	0		SP-020095	
SP-15	19/03/2002	1	.	2	.	0		SP-020202	
SP-16		2	.	0	.	0			
SP-16		2	.	1	.	0		SP-020274	
SP-16		2	.	2	.	0		SP-020401	
SP-16	19/06/2002	5	.	0	.	0		SP-020411	
SP-17	18/09/2002	5	.	1	.	0			
SP-18	03/01/2003	5	.	2	.	0			
SP-19	27/03/2003	5	.	3	.	0			
SP-20	25/06/2003	5	.	4	.	0		withdrawn -> 21.101	

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remarks - general: SP-20: Superseded by 21.101 Rel-5.
remarks - this release: SP-20: Superseded by 21.101 Rel-5.

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

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WITHDRAWN 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:* none *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft	15/04/2002	0 . 2 . 0	get it	<i>remarks - general:</i>
draft	14/08/2002	0 . 4 . 0	get it	<i>remarks - this release:</i> SP-20: -> Rel-6.
draft	17/09/2002	0 . 5 . 0	get it	
draft	16/12/2002	0 . 6 . 0	get it	
draft	24/02/2003	0 . 7 . 0	get it	-> Rel-6

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	<i>remarks - general:</i>
SP-13	01/10/2001	2 . 0 . 0	SP-010444	get it	<i>remarks - this release:</i> 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	<i>remarks - general:</i> Replaces 22.946. Note that stage 2 is 23.246.
SP-13	05/10/2001	5 . 0 . 0		get it	<i>remarks - this release:</i> 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'
									<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				<i>remarks - this release:</i> SP-15: Delayed to Rel-6.
									get it
<hr/>									
TR 22.928	IP-based multimedia services examples								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.
									<i>remarks - this release:</i> 2003-04-07 Clayton: scrapped.
<hr/>									
TR 22.941	IP based multimedia framework; Stage 0								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft 05/07/2001	0	. 1	. 0					<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.
	SP-12 05/07/2001	0	. 2	. 4	S1-010359, SP-010359 - not seen by SA1.				<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). 2003-04-07 Clayton: scrapped.
	draft 15/10/2001	0	. 4	. 1					get it
	SP-14 02/01/2002	0	. 7	. 0	NP-010701 (!)				get it
									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

TR 22.946 Broadcast and multicast services
Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version, comments):
SP-12 27/06/2001 1 . 0 . 0 SP-010267

WG (prime / other): S1 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
G: *U:* yes *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:* Replaced by 22.146.
remarks - this release: To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

TR 22.976 Study on PS domain services and capabilities
Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version, comments):
SP-08 28/06/2000 2 . 0 . 0 transferred from Rel-4.

WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6

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

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2
Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version, 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.

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 23.174 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 customized 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 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version, comments):

WG (prime / other): S2 / *rapporteur:* UZQUIANO, Nacho TELEFONICA DE ESPAÑA SA
G: *U:* yes *MCC:* YOON, Sang-Ui

remarks - general: Cf work item 'Generic user profile'
remarks - this release: -> Rel-6

draft 0 . 2 . 0
draft 0 . 3 . 0
S2-23 0 . 4 . 0
post S2-23 0 . 4 . 1
S2-25 0 . 5 . 1
S2-26 0 . 6 . 0
S2-26 0 . 6 . 1
S2-27 0 . 7 . 0
S2-27 0 . 7 . 1
S2-28 0 . 8 . 0
post S2-28 0 . 9 . 0
S2-29 0 . 10 . 0
post S2-29 0 . 11 . 0
SP-19 24/03/2003 0 . 12 . 0

[get it](#)

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 23.241	3GPP Generic User Profile (GUP) ; Stage 2; Data description method				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> BISCHINGER, Kurt	T-Mobile AUSTRIA GmbH	
	<i>freeze_meeting:</i> TP-15	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	draft	0 . 1 . 0		<i>remarks - general:</i> Cf work item 'Generic user profile'	
	draft	0 . 2 . 0		<i>remarks - this release:</i> TP-15: Delayed to Rel-6.	

TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description				
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.		

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	get it		
	S2-24	1 . 1 . 0			

TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, 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		

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		<i>remarks - general:</i>	
		2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<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 23.909	Technical report on the Gateway Location Register					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD		
	<i>history (event, available, version, comments):</i> NP-16 5 . 0 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.			
<hr/>						
TR 23.911	Technical report on Out-of-band transcoder control					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>history (event, available, version, comments):</i> NP-16 5 . 0 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
			<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>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>history (event, available, version, comments):</i> NP-16 5 . 0 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
			<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>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG		
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
			<i>remarks - general:</i> 2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!			
			<i>remarks - this release:</i> .			
<hr/>						
TR 23.955	Virtual Home Environment (VHE) concepts					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>history (event, available, version, comments):</i> draft 08/01/2001 0 . 0 . 0 draft 24/01/2001 0 . 1 . 0	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
		get it	<i>remarks - general:</i> SP-20: stopped			
		get it	<i>remarks - this release:</i> SP-20: stopped			

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 23.974 Support of push service
Rel-5 *current version: none* 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 01/10/2001 2 . 0 . 0 SP-010508 - approved as 23.875 [get it](#) *remarks - general:* SP-13: changed number to 23.875.
remarks - this release: May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.

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

TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3
Rel-5 *current version: none* WG (prime / other): T2 / rapporteur: SOOD, Prem SHARP Corporation
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 [get it](#) *remarks - general:*
RP-13 01/10/2001 2 . 0 . 0 RP-010562 [get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
RP-13 02/10/2001 5 . 0 . 0 [get it](#)

G = required in systems with GERAN acces; 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 25.856 High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
remarks - general: 2003-05-26: stopped
remarks - this release: 2003-05-26: stopped

TR 25.857 UE positioning enhancements

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
remarks - general: 2003-05-26: stopped
remarks - this release: 2003-05-26: stopped

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 25.867 Feasibility study for wideband distribution systems in 3rd generation networks

Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* MATARASSO, Carlo TEKMAR Sistemi Srl an Andrew Company
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-010794 [get it](#) *remarks - general:*
remarks - this release: 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.

TR 25.869 Transmitter diversity solutions for multiple antennas

Rel-5 *current version:* none *WG (prime / other):* R1 / - *rapporteur:* KIM, Sung-Jin Samsung Electronics Ind. Co., Ltd.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
draft 0 . 1 . 0 *remarks - general:*
draft 0 . 1 . 1 *remarks - this release:* RP-20: to Rel-6.
RP-12 28/06/2001 1 . 0 . 0 RP-010344 [get it](#)
RP-13 01/10/2001 1 . 0 . 1 RP-010637 [get it](#)
RP-15 19/03/2002 1 . 0 . 2 RP-020130 - RP-20: to Rel-6 [get it](#)
draft 08/10/2003 1 . 2 . 0 R1-030946 [get it](#)

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 25.876	Multiple Input Multiple Output (MIMO) Antennae in UTRA						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard	Lucent Technologies			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	R1-21 0 . 0 . 0 R1-010879				<i>remarks - general:</i> RP-20: reference to HSDPA removed from title		
	RP-14 02/01/2002 1 . 0 . 0 RP-010796	get it			<i>remarks - this release:</i> 2003-11-03: Timed out of Rel-5, must be Rel-6.		
	R1-24 1 . 0 . 1 R1-020486						
	RP-15 31/07/2002 1 . 1 . 0 RP-020240	get it					

TR 25.885	UMTS 1800 / 1900 MHz work items report						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NUMMINEN, Jussi	NOKIA Corporation			
	<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-010672. RP-17: withdrawn.	get it			<i>remarks - general:</i> RP-17: withdrawn. RP-18 unwithdrawn.		
					<i>remarks - this release:</i> RP-17: withdrawn.		

TR 25.886	Small technical enhancements and improvements work item						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i>				
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>						
					<i>remarks - general:</i>		
					<i>remarks - this release:</i> RP-17: withdrawn.		

TR 25.887	Beamforming						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co, Ltd			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	R1-22 0 . 0 . 1 R1-011342				<i>remarks - general:</i>		
	RP-14 07/12/2001 1 . 0 . 0 RP-010800	get it			<i>remarks - this release:</i> RP-15: Deferred to Rel-6.		

TR 25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LI, Xiaoqiang	SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i> RP-16	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	RP-17 24/09/2002 1 . 0 . 0 RP-020508	get it			<i>remarks - general:</i>		
					<i>remarks - this release:</i> -> Rel-6		

G = required in systems with GERAN acces; 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 25.893 Radio access bearer scenarios

Rel-5 *current version:* none
freeze_meeting: RP-19
history (event, available, version, comments):

WG (prime / other): R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general: 2003-05-26: to be stopped.
remarks - this release: 2003-05-26: to be stopped, relevant parts to be moved to 25.993. RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).

TR 25.951 Base Station (BS) classification (FDD)

Rel-5 *current version:* none
freeze_meeting: RP-16

WG (prime / other): R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
G: *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-13	01/10/2001	1	.	1	.	0	moved from Rel-4
R4-23		1	.	2	.	0	R4-020688
R4-24		1	.	3	.	0	R4-021073, R4-021376, R4-021377
R4-25		1	.	4	.	0	R4-021430 et al
draft		1	.	4	.	1	
R4-26		1	.	5	.	0	R4-021695 et al
R4-26		1	.	5	.	1	R4-030210

[get it](#) *remarks - general:*
remarks - this release: 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to 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 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none
freeze_meeting: NP-16
history (event, available, version, comments):

draft	01/06/2001	0	.	1	.	0	
draft	08/11/2001	0	.	3	.	0	
draft	14/01/2002	0	.	4	.	0	
draft	18/02/2002	0	.	6	.	1	
NP-15	19/03/2002	1	.	0	.	0	NP-020076

WG (prime / other): N3 / *rapporteur:* HOLLAND, Nigel mmO2 plc
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* NP-19: to Rel-6
[get it](#)
[get it](#)

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 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
freeze_meeting: NP-18 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

N3-16		0	.	0	.	0			<i>remarks - general:</i>
N3-17	01/06/2001	0	.	1	.	0		N3-010185, N3-010199, N3-010201 and get it	<i>remarks - this release:</i> NP-16: shifted to Rel-6.
								N3-010210	
N3-18		0	.	2	.	0		N3-010312, N3-010315	
N3-19	09/11/2001	0	.	3	.	0		N3-010462, N3-010427	get it
NP-14	02/01/2002	1	.	0	.	0		NP-010565	get it
N3-21		1	.	1	.	0			
NP-15	18/02/2002	1	.	2	.	0		NP-020077 ex N3-21	get it
editorials		1	.	2	.	1			
N3-23		1	.	3	.	1		N3-020441	

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

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16		5	.	0	.	0		Interim step; not to be produced. See sub-parts.	<i>remarks - general:</i>
									<i>remarks - this release:</i> Split into sub-parts.

TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 - ES 915-9.
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. 202

915-9.

TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4 - ES 915-10.
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. ES 202

915-10.

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

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	<i>MCC:</i> 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	<i>MCC:</i> 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	<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>	2002-03-05: Delayed to Rel-6.	
<hr/>					
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>	RP-19: stopped.	
			<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 2: INAP				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> NP-15	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-14 stopped.	

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 3: MEGACO mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Network Systems UK
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

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 Network Systems UK
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 Network Systems UK
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 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

Rel-5 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-18 07/01/2003 5 . 0 . 0 NP-19: renumbered to 30.902.

[get it](#)

remarks - general:

remarks - this release: NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS studies.
NP-18: Evidently Rel-5 is indeed required!

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

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

TS 31.115 Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One
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
TP-15 19/03/2002 1 . 0 . 0 TP-020075

[get it](#) *remarks - general:* additional rapporteur: Florence Martin.
[get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One
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
TP-15 19/03/2002 1 . 0 . 0 TP-020076

[get it](#) *remarks - general:* additional rapporteur: Florence Martin
[get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API

Rel-5 *current version: none* WG (prime / other): T3 / *rapporteur:* TON, Wim ASPECTS Software Ltd
freeze_meeting: TP-16 G: U: yes MCC: DIETZE, Claus

history (event, available, version, 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
draft 26/02/2002 0 . 1 . 0

[get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
[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> .							

TS 32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, comments):</i>							
<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.							
<i>remarks - this release:</i> .							

TS 32.114	Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, comments):</i>							
<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.							
<i>remarks - this release:</i> .							

TS 32.140	Telecommunication management; Services operations management; Subscription management requirements						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ISLIP, John	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version, 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				

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 (IM) 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 (IM) 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 (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> 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 (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> 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 JAPAN LTD
	<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 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* none

freeze_meeting: SP-16

history (event, available, version, comments):

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

remarks - general: SP-20: Superseded by 41.101 Rel-5.

remarks - this release: SP-20: Superseded by 41.101 Rel-5.

SP-12		0	.	0	.	0		SP-010278	
SP-12	05/07/2001	0	.	1	.	0		SP-010384	
SP-13	01/10/2001	1	.	0	.	0		SP-010421	get it
SP-15	19/03/2002	1	.	1	.	0		SP-020098	get it
SP-15	19/03/2002	1	.	2	.	0		SP-020203	get it
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			get it
SP-17	18/09/2002	5	.	1	.	0			get it
SP-18	03/01/2003	5	.	2	.	0			get it
SP-19	27/03/2003	5	.	3	.	0			get it
SP-20	25/06/2003	5	.	4	.	0		withdrawn -> 41.101	get it

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

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

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WITHDRAWN specs 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 *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 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1
Rel-5 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
remarks - general: SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

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

TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, 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 One
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice
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.

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

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):
GP-06 17/06/2003 1 . 0 . 0 GP-011962

WG (prime / other): G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:* 2002-09-03: Transferred from G2 to G1.. GP-06: stopped.
remarks - this release: 2003-01-14: WG Secretary reports that this doc is unlikely to be completed. GP-06: stopped.

TR 43.930 lur-g interface; Stage 2

Rel-5 *current version:* none
freeze_meeting: GP-09
history (event, available, version, comments):
GP-09 0 . 3 . 0 GP-020733
GP-09 22/04/2002 0 . 4 . 0 GP-021274

WG (prime / other): G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
G: yes U: *MCC:* Jose Luis THOMASEN, Gert

[get it](#) *remarks - general:* GP-11: Withdrawn and replaced with 43.130.
remarks - this release: This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11: Withdrawn and replaced with 43.130.

draft 19/07/2002 0 . 5 . 1 [get it](#)
GP-10 19/07/2002 5 . 0 . 0 [get it](#)
GP-11 16/09/2002 5 . 1 . 0 [get it](#)
GP-11: withdrawn and technically identical document issued as TS 43.130.

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

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version, comments):

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

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

Rel-5 **50** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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

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WITHDRAWN specs 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:* BLADSJO, 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.

Rel-4

Rel-4 **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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WITHDRAWN specs 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:* none
freeze_meeting: SP-11
history (event, available, version, comments):

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

SP-08	30/06/2000	1	.	0	.	0	
SP-10	04/01/2001	1	.	1	.	0	get it <i>remarks - general:</i> SP-20: Superseded by 21.101 Rel-4.
SP-11	11/04/2001	4	.	0	.	0	get it <i>remarks - this release:</i> SP-20: Superseded by 21.101 Rel-4.
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
SP-17	18/09/2002	4	.	6	.	0	get it
SP-18	03/01/2003	4	.	7	.	0	get it
SP-19	27/03/2003	4	.	8	.	0	get it
SP-20	25/06/2003	4	.	9	.	0	get it withdrawn -> 21.101

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

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

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

remarks - general: Transfer>TSG#4
remarks - this release: TSG#11: Becomes 42.043 for Rel-4 (!).

TS 22.112 USIM toolkit interpreter; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
G: U: yes *MCC:* DIETZE, Claus

TP-10	11/01/2001	1	.	0	.	0	get it <i>remarks - general:</i>
TP-11	09/04/2001	4	.	0	.	0	get it <i>remarks - this release:</i> TP-13: Rel-4 withdrawn, since stage 2 not ready.

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

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

TS 22.227 Service requirements for the Open Service Access (OSA)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (*prime / other*): S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: U: yes *MCC:* CLAYTON, Michael

remarks - general: Clayton Apr-2001: spec not required (see 22.127)
remarks - this release: .

TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

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

SP-07 17/03/2000 1 . 0 . 0 SP-000073
draft 09/05/2000 1 . 4 . 0
SP-08 28/06/2000 2 . 0 . 0 -> Rel-5.

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
[get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).
[get it](#)

Rel-4 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

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

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.
systems only. *remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

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

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.

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

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WITHDRAWN specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.207	End-to-end Quality of Service (QoS) concept and architecture					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-10 31/01/2001 1 . 0 . 0 SP-000594	get it	<i>remarks - general:</i>			
	draft 01/02/2001 1 . 1 . 0	get it	<i>remarks - this release:</i> SP-12: becomes Rel-5			
	draft 26/06/2001 1 . 7 . 3 suspicious version number!	get it				
	SP-12 26/06/2001 2 . 0 . 0 S2-011123, SP-010337	get it				
<hr/>						
TR 23.814	Separating RR and MM specific parts of the MS Classmark					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> YOKOTA, Fumihiko	Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	NP-11 4 . 0 . 0 doa. Stick at R99.		<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.			
<hr/>						
TR 23.821	Architecture Principles for Reelase 2000					
Rel-4	<i>current version:</i> none	<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. SP-20: stopped			
			<i>remarks - this release:</i> SP-20: stopped			
<hr/>						
TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID					
Rel-4	<i>current version:</i> none	<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> SP-20: stopped			
	draft 08/11/2000 1 . 2 . 0	get it	<i>remarks - this release:</i> SP-20: stopped			
	draft 24/11/2000 1 . 3 . 0	get it				

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

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WITHDRAWN 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> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	draft 15/11/1998	0 . 1 . 0	get it	<i>remarks - general:</i> SP-20: stopped	
	draft 15/01/1999	0 . 2 . 0	get it	<i>remarks - this release:</i> SP-20: stopped	
	draft 15/04/1999	0 . 3 . 0	get it		
	draft 30/04/1999	0 . 4 . 0	get it		
	draft 15/05/1999	0 . 5 . 0	get it		
	S2-05 30/05/1999	1 . 0 . 0	get it		
	draft 30/06/1999	1 . 1 . 0	get it		
	draft 15/07/1999	1 . 2 . 0	get it		

TR 23.913	UMTS Turbo-Charger				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: N, A		
	<i>history (event, available, version, 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		<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.	

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

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WITHDRAWN specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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	G: yes U: 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> SP-20: stopped SP-20: stopped			

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	<i>MCC:</i> 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.			

Rel-4 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004	Layer 1 - General Requirements				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> THOMAS, Rémi	France Telecom	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
GP-04 4 . 0 . 0					
		<i>remarks - general:</i> Apr-2001: Not required. See 44.004.			
		<i>remarks - this release:</i> 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	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> AL -BAKRI, Ban	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
		<i>remarks - general:</i> Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12			
have been N2 anyway). Agreed to		<i>remarks - this release:</i> TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should			
		txfer to G2, but still as 24.012.			

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

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WITHDRAWN specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access
Rel-4 *current version: none* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: U: MCC: N, A* One
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TR 24.946 reserved
Rel-4 *current version: none* *WG (prime / other): - / rapporteur: VACANT,*
freeze_meeting: SP-11 *G: U: yes MCC: N, A*
history (event, available, version, comments):
remarks - general:
remarks - this release:

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.107 UTRA Repeater; Conformance testing
Rel-4 *current version: none* *WG (prime / other): - / - rapporteur: NILSSON, Martin* Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: U: yes MCC: N, A* One
history (event, available, version, comments):
Start of work 01/08/2000 0 . 0 . 1 [get it](#) *remarks - general: -> 25.143*
remarks - this release: Scrapped in favour of 25.143

TS 25.371 LMU signalling
Rel-4 *current version: none* *WG (prime / other): - / - rapporteur: MOULY, Michel* ARGUIN Communications
freeze_meeting: SP-07 *G: U: yes MCC: N, A*
history (event, available, version, comments):
remarks - general: Created Jan 00; wdrwn Apr00
remarks - this release: First draft: Jan2000

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

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.835	Report on hybrid ARQ type II/III								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	RP-09 16/10/2000 1 . 0 . 0								
		<i>WG (prime / other):</i> R2 / -		<i>rapporteur:</i> SITTE, Armin		SIEMENS AG			
		<i>G:</i> U: yes		<i>MCC:</i> ARZELIER, Claude					
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.				
<hr/>									
TR 25.837	Hybrid ARQ Type II/III (lub/lur aspects)								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09 21/09/2000 0 . 1 . 0								
		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> BRANDT, Achim V.		SIEMENS AG			
		<i>G:</i> U: yes		<i>MCC:</i> KRAUSE, Joern					
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.				
<hr/>									
TR 25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-12 05/07/2001 0 . 2 . 0								
	RAN3 approved 01/10/2001 0 . 3 . 0								
	RP-010426 referred to at RP-13.								
		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> PARK, Jin Hyo		SK TELECOM			
		<i>G:</i> U: yes		<i>MCC:</i> KRAUSE, Joern					
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.				
<hr/>									
TR 25.842	Smart antenna								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09 12/01/2001 1 . 0 . 0								
	2003-11-28: WG Chairman indicates that this item is stopped.								
		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> HU, Jinling		China Academy of Telecommunications Technology			
		<i>G:</i> U: yes		<i>MCC:</i> SASAKI, Tsukasa					
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> 2003-11-28: WG Chairman indicates that this item is stopped. .RP-15: Not to be promoted to Rel-5. Post-RP-20: info received that the corresponding work item was stopped at RP-10, so expect this TR to be scrapped at RP-21. 2003-11-28: WG Chairman indicates that this item is stopped.				
<hr/>									
TR 25.845	FDD RACH and AICH performance requirements								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	draft 20/12/2000 0 . 0 . 2								
	draft 14/05/2001 0 . 0 . 3								
	RP-17: withdrawn.								
		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> VIHRIÄLÄ, Jaakko		NOKIA Corporation			
		<i>G:</i> U: yes		<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.				

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 25.933 IP transport in UTRAN

Rel-4 *current version:* none
freeze_meeting: RP-15
history (event, available, version, comments):

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: U: yes *MCC:* KRAUSE, Joern

draft 15/05/2000 0 . 0 . 1 [get it](#) *remarks - general:*
R3-13 15/06/2000 0 . 1 . 0 [get it](#) *remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
R3-13 15/07/2000 0 . 1 . 1 [get it](#)
RP-09 15/08/2000 0 . 2 . 0 [get it](#)
RP-10 21/12/2000 0 . 4 . 0 RP-000644 [get it](#)
RP-11 06/04/2001 1 . 0 . 0 [get it](#)
RP-12 05/07/2001 1 . 1 . 0 RP-010425 [get it](#)
RP-13 01/10/2001 1 . 4 . 0 RP-010642 [get it](#)
draft 13/11/2001 1 . 4 . 1 to Rel-5 [get it](#)
RP-14 06/12/2001 1 . 5 . 0 RP-010876 [get it](#)
draft 02/01/2002 1 . 5 . 1 [get it](#)
RP-15 19/03/2002 1 . 7 . 1 RP-020136, withdrawn [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020137 [get it](#)

TR 25.938 Terminal power saving features

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): R3 / - *rapporteur:* CHOI, Sungho Samsung Electronics Ind. Co., Ltd.
G: U: yes *MCC:* KRAUSE, Joern

draft 15/08/2000 0 . 0 . 1 [get it](#) *remarks - general:* R3-27: abandoned.
draft 05/10/2000 0 . 1 . 0 [get it](#) *remarks - this release:* 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 (BS) classification (FDD)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
G: U: yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

R4-13 21/11/2000 0 . 0 . 1 R4-000572 [get it](#) *remarks - general:*
RP-10 21/12/2000 1 . 0 . 0 RP-000598 [get it](#) *remarks - this release:* 2002-01-24: Gutierrez: moved to Rel-5
R4-16 1 . 0 . 1 R4-010257
RP-13 01/10/2001 1 . 1 . 0 RP-010681 [get it](#)

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 25.952 Base Station classification (TDD)

Rel-4 *current version:* none
freeze_meeting:
history (event, available, version, comments):

draft	21/11/2000	0	.	0	.	1
RP-10	21/12/2000	1	.	0	.	0
RP-11	10/04/2001	1	.	1	.	0

WG (prime / other): R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS CORPORATION
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* -> Rel-5
[get it](#)

Rel-4 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.078 Results of the AMR noise suppression selection phase

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

SP-11		4	.	0	.	0
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WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* USAI, Paolino

remarks - general: Replaced by 26.978.
remarks - this release: Replaced by 26.978.

TS 26.226 Global text telephony (GTT); Transport of text in the voice channel

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

SP-08	23/06/2000	0	.	0	.	0
SP-09	18/10/2000	0	.	0	.	9
draft	24/10/2000	0	.	0	.	10
SP-10	21/12/2000	4	.	0	.	0

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.
[get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5
[get it](#)

TS 26.230 Global text telephony (GTT); Cellular text telephone modem transmitter C-code description

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

SP-10		2	.	0	.	0	SP-000750
SP-10	21/12/2000	4	.	0	.	0	

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.
remarks - this release: TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

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

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WITHDRAWN specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)
SP-11 10/04/2001 4 . 0 . 0 [get it](#)
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general:
remarks - this release: No work, will never appear as 4.0.0 (Usai, Mar 2001)

TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-03 26/04/1999 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.
remarks - this release: .

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

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

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WITHDRAWN specs Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-4 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: NP-11 *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):

remarks - general: RP-19: stopped.
remarks - this release: .

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

Rel-4 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):

NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS
TR no. corrected 02/02/2001 4 . 0 . 1 NP-19: Replaced by 30.902 v4.0.2. [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed. studies.

TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD
freeze_meeting: SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):

RP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* RP-20: stopped
draft 21/12/2000 0 . 8 . 6 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5. RP-20: stopped
RP-04 23/06/1999 1 . 0 . 0 [get it](#)
RP-05 13/10/1999 1 . 4 . 0 [get it](#)
RP-06 17/12/1999 2 . 0 . 0 [get it](#)
RP-08 23/06/2000 2 . 2 . 0 [get it](#)

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WITHDRAWN specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.801	Overall Project Plan					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	draft 30/07/1999 0 . 1 . 0	get it	<i>remarks - general:</i>			
	draft 30/08/1999 0 . 2 . 0	get it	<i>remarks - this release:</i> TSG#11: Work stopped.			
	draft 30/09/1999 0 . 3 . 0	get it				
	SP-05 13/10/1999 1 . 0 . 0	get it				
	draft 02/12/1999 1 . 1 . 0	get it				
<hr/>						
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	MCC: 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	MCC: 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> KÅLL, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: 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	MCC: 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.			

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WITHDRAWN specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.810 Project plan on Security
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version, comments):
SP-05 24/10/1999 1 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

TR 30.812 Project plan on Services and Service platforms
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version, 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:* HÜBINETTE, Ulf Telefon AB LM Ericsson
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	SP-12: Rel-4 withdrawn.	get it					
<hr/>									
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	SP-12: withdrawn.	get it	<i>remarks - general:</i>	SP-08: split into eight parts			
					<i>remarks - this release:</i>	SP-12: withdrawn. See 32.300.			
<hr/>									
TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-12		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.			
<hr/>									
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Poin (IRP)t; Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> solution set	none	<i>WG (prime / other):</i> S5	/ -	<i>rapporteur:</i> TSE, Edwin				
Ericsson Incorporated									
	<i>freeze_meeting:</i> SP-12		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.			
<hr/>									
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (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> 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 Rel-4 current version: Network Resource Model NRM))	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas
	Telefon AB LM Ericsson						
	<i>freeze_meeting:</i> SP-12	G:	<i>U:</i> 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.
<hr/>							
TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Rel-4 current version: Architecture (CORBA) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG						
	<i>freeze_meeting:</i> SP-12	G:	<i>U:</i> 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.
<hr/>							
TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information Rel-4 current version: Protocol (CMIP) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG						
	<i>freeze_meeting:</i> SP-12	G:	<i>U:</i> 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.
<hr/>							
TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas
	Rel-4 current version: none						Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11	G:	<i>U:</i> yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>			TSG#8: split into eight parts
	SP-11 28/03/2001 4 . 0 . 0			<i>remarks - this release:</i>			SP-12: withdrawn. See 32.600.
				get it			
<hr/>							
TS 32.111	3G Fault Management		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	CICCHITTO, Gaetano
	Rel-4 current version: none						SIEMENS Mobile Communications S.p.A.
	<i>freeze_meeting:</i> SP-11	G:	<i>U:</i> yes	<i>MCC:</i>			ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>			TSG#8: split into 4 parts
	SP-11 28/03/2001 4 . 0 . 0			<i>remarks - this release:</i>			.
				get it			

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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>				
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: ZOICAS, Adrian		
	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>				
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: YOON, Sang-Ui		
	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> ISLIP, John		Lucent Technologies Network Systems UK
	<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. SP-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 (IRP): Information Service				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated
	<i>freeze_meeting:</i> SP-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> .	

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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 (IRP): Common Object Request Broker Architecture (CORBA)	Rel-4	current version: solution set	none	WG (prime / other):	S5	/-	rapporteur:	SCHEER, Randal	Lucent Technologies
			freeze_meeting: SP-11	G:	U: yes	MCC:				ZOICAS, Adrian
			history (event, available, version, comments):							
			SP-12 18/06/2001 2 . 0 . 0							
				get it	remarks - general:	Replaces 32.106-3 SP-12: stopped. See 32.303.				
					remarks - this release:	.				
<hr/>										
TS 32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution	Rel-4	current version: none	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG	
			freeze_meeting:	G:	U: yes	MCC:				ZOICAS, Adrian
			history (event, available, version, comments):							
			SP-12 18/06/2001 2 . 0 . 0							
				get it	remarks - general:	Replaces 32.106-4 SP-12: stopped. See 32..304.				
					remarks - this release:	.				
<hr/>										
TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	Rel-4	current version: none	WG (prime / other):	S5	/	rapporteur:	N, A	Indicate persons who left Company and wait for new One	
			freeze_meeting: SP-11	G: yes	U: yes	MCC:				ZOICAS, Adrian
			history (event, available, version, comments):							
										remarks - general: -> 32.111
										remarks - this release: .
<hr/>										
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	Rel-4	current version: none	WG (prime / other):	S5	/-	rapporteur:	NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND	
			freeze_meeting:	G: yes	U:	MCC:				ZOICAS, Adrian
			history (event, available, version, comments):							
			SP-12 21/06/2001 1 . 0 . 0							
			SP-13 11/10/2001 2 . 0 . 0							SP-010467 approved as 52.042
				get it	remarks - general:	was 32.104 (pars). SP-13: replaced by 52.402.				
				get it	remarks - this release:	.				
<hr/>										
TS 32.601-1	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements	Rel-4	current version: none	WG (prime / other):	S5	/-	rapporteur:	WILBER, John		
			freeze_meeting:	G: yes	U: yes	MCC:				ZOICAS, Adrian
			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 32.601.				
					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 32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, 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>	.					
<hr/>									
TS 32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf			
	SIEMENS AG								
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, 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>	.					
<hr/>									
TS 32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, 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>	.					
<hr/>									
TS 32.602-1	Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, 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>	.					
<hr/>									
TS 32.602-2	Telecommunication management; Configuration Management (CM); CMt: Bulk Configuration Management Integration Reference Point (IRP): Information service								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, 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); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker					
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i>	G:	<i>U:</i> 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); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information					
Rel-4	<i>current version:</i> Protocol (CMIP) solution set	none	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG					
	<i>freeze_meeting:</i>	G:	<i>U:</i> 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); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	N, A
	<i>freeze_meeting:</i>					Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	G:	<i>U:</i> yes	<i>MCC:</i>		ZOICAS, Adrian
	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	<i>U:</i> 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): Network Resource Model (NRM)					
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	TOVINGER, Thomas Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G: yes	<i>U:</i> 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): Common Object Request Broker								
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<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 32.106-6 (pars) SP-12: stopped. See 32.623.		
					<i>remarks - this release:</i>		.		
<hr/>									
TS 32.620-4	Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management Information								
Rel-4	<i>current version:</i> Protocol (CMIP) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</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 32.107 (pars) SP-12: stopped. See 32.624.		
					<i>remarks - this release:</i>		.		
<hr/>									
TS 32.621-1	Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5 / -		<i>rporteur:</i>	PIRT, Trevor MOTOROLA Ltd		
	<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>		Replaces 32.106 (pars).SP-12: stopped. See 32.631.		
					<i>remarks - this release:</i>		.		
<hr/>									
TS 32.621-2	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5 / -		<i>rporteur:</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 32.632.		
					<i>remarks - this release:</i>		.		
<hr/>									
TS 32.621-3	Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-4	<i>current version:</i> (CORBA) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<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 32.106-6 (pars) SP-12: stopped. See 32.633.		
					<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 32.621-4	Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): Common Management Information Protocol
Rel-4	<i>current version:</i> (CMIP) solution set
Telefon AB LM Ericsson	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> TOVINGER, Thomas
	<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 32.107 (pars) SP-12: stopped. See 32.634.
	<i>remarks - this release:</i> .

TS 32.622-1	Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements
Rel-4	<i>current version:</i> none
	<i>WG (prime / other):</i> S5 / -
	<i>rapporteur:</i> PIRT, Trevor
	MOTOROLA Ltd
	<i>freeze_meeting:</i> G: U: yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-12 18/06/2001 2 . 0 . 0	get it <i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.641.
	<i>remarks - this release:</i> .

TS 32.622-2	Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-4	<i>current version:</i> none
	<i>WG (prime / other):</i> S5 / -
	<i>rapporteur:</i> TOVINGER, Thomas
	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> G: 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 32.642.
	<i>remarks - this release:</i> .

TS 32.622-3	Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker
Rel-4	<i>current version:</i> Architecture (CORBA) solution set
SIEMENS AG	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> POLLAKOWSKI, Olaf
	<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> Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.
	<i>remarks - this release:</i> .

TS 32.622-4	Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol
Rel-4	<i>current version:</i> (CMIP) solution set
Telefon AB LM Ericsson	none
	<i>WG (prime / other):</i> S5
	<i>rapporteur:</i> TOVINGER, Thomas
	<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> Replaces 32.107 (pars) SP-12: stopped. See 32.644.
	<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 32.623-1	Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor					MOTOROLA Ltd
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>								
	SP-12 18/06/2001 2 . 0 . 0							get it	<i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.651. <i>remarks - this release:</i> .
<hr/>									
TS 32.623-2	Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas					Telefon AB LM Ericsson
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, 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 32.652. <i>remarks - this release:</i> .
<hr/>									
TS 32.623-3	Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker								
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>			POLLAKOWSKI, Olaf
	SIEMENS AG								
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, 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 32.653. <i>remarks - this release:</i> .
<hr/>									
TS 32.623-4	Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol								
Rel-4	<i>current version:</i> (CMIP) solution set	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>			TOVINGER, Thomas
	Telefon AB LM Ericsson								
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i>					ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>								
	SP-12 18/06/2001 2 . 0 . 0							get it	<i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.654. <i>remarks - this release:</i> .

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

G = required in systems with GERAN acces; U = required in systems with UMTS 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	<i>current version:</i> none						
	<i>freeze_meeting:</i>						
	<i>history (event, available, version, comments):</i>						
	draft	0 . 3 . 5					
			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3		
			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
				<i>remarks - general:</i>			2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.
				<i>remarks - this release:</i>			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	<i>current version:</i> none						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version, comments):</i>						
			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry		
			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
				<i>remarks - general:</i>			
				<i>remarks - this release:</i>			

TR 33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms						
Rel-4	<i>current version:</i> none						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version, comments):</i>						
	draft	2 . 0 . 0					
		only available as	<i>WG (prime / other):</i> S3 / SAGE	<i>rapporteur:</i> VACANT,			
		http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
				<i>remarks - general:</i>			Source: ETSI SAGE.
				<i>remarks - this release:</i>			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	<i>current version:</i> none						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version, comments):</i>						
	SP-10	03/12/2000	1 . 0 . 0				
			<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
			<i>G:</i> yes U:	<i>MCC:</i> POPE, Maurice			
			get it	<i>remarks - general:</i>			->41.102, renumbered at TSG#10.
				<i>remarks - this release:</i>			->41.102

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

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WITHDRAWN specs Rel-4 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.102 GSM Release 4 specifications

Rel-4 *current version:* none
freeze_meeting: SP-11

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

history (event, available, version, comments):

SP-10		1	.	0	.	0
SP-10	04/01/2001	1	.	0	.	1
SP-11	11/04/2001	4	.	0	.	0
SP-12	05/07/2001	4	.	1	.	0
SP-13	01/10/2001	4	.	2	.	0
SP-14	03/01/2002	4	.	3	.	0
SP-15	27/03/2002	4	.	4	.	0
SP-16	19/06/2002	4	.	5	.	0
post SP-16 editorial	25/06/2002	4	.	5	.	1
SP-17	18/09/2002	4	.	6	.	0
SP-18	03/01/2003	4	.	7	.	0
SP-19	27/03/2003	4	.	8	.	0
SP-20	25/06/2003	4	.	9	.	0

remarks - general: Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.
remarks - this release: SP-20: Superseded by 41.101 Rel-4.

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withdrawn -> 41.101

Rel-4 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

history (event, available, version, 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.

G = required in systems with GERAN acces; 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

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

TS 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2
Rel-4 *current version: none* *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, 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 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.

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 43.035	Immediate Service Termination (IST); Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-15 26/03/2002 4 . 1 . 0	G: yes U:	<i>MCC:</i> POPE, Maurice						
		get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035.						
		get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.						
<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>history (event, available, version, comments):</i> post-NP-14 23/01/2002 4 . 0 . 0	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	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>history (event, available, version, comments):</i> TP-11 09/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> DIETZE, Claus						
	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>history (event, available, version, comments):</i> GP-02 05/01/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino						
	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						
<hr/>									
TS 43.063	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter T-MOBILE DEUTSCHLAND						
	<i>history (event, available, version, comments):</i> NP-11 11/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
		get it	<i>remarks - general:</i> 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.						
			<i>remarks - this release:</i> 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to withdraw.						

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 43.071 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.

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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

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WITHDRAWN specs 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 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

TS 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 acces; 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 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-11 4 . 0 . 0 not to be produced

remarks - general: Apr 2001 - Sultan:no Rel-4 will exist
remarks - this release: Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.

TS 50.089 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

Rel-4 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

remarks - general:
remarks - this release: Usai Apr-2001: will never be produced.

TR 50.099 GERAN project plan and open issues

Rel-4 *current version:* none *WG (prime / other):* GP / - *rapporteur:* BLADJSJO, David Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

draft 09/10/2000 0 . 0 . 1 [get it](#) *remarks - general:* 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](#) *remarks - this release:* 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](#)
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 52 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.071 Location Services (LCS); Location services (LCS) management

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13 [get it](#) *remarks - general:*
SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be [get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.
withdrawn. A sort of non-version.
Anti-bootstrapping (autointerment?)

R00

R00 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

G = required in systems with GERAN acces; 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

R00 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions

R00 *current version: none*
freeze_meeting: SP-11

WG (prime / other): S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
GP
G: yes U: *MCC:* POPE, Maurice

history (event, available, version, comments):
smg-32 16/01/2001 9 . 0 . 0

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

TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

R00 *current version: none*
freeze_meeting:
history (event, available, version, comments):

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

remarks - general: -> 43.051
remarks - this release: .

TS 03.59 Location services (LCS) GERAN; Stage 2

R00 *current version: none*
freeze_meeting:
history (event, available, version, comments):
draft 30/05/2000 0 . 0 . 1

WG (prime / other): G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: replaced by 43.059

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R00 *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0

TS 03.69 Voice Broadcast service (VBS); Stage 2

R00 *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-30 20/06/2000 9 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0

G = required in systems with GERAN acces; 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

R00 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R00 *current version:* none *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-30b	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31b	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](#)
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[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* *freeze_meeting:* WG (prime / other): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

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* *freeze_meeting:* WG (prime / other): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

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* *freeze_meeting:* WG (prime / other): R3 / - *rapporteur:* PARK, Jin Hyo SK TELECOM
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.				<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
		<i>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 ETSI publication 05/06/2001 8 . 0 . 1			get it <i>remarks - general:</i> 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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
		<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 smg-29 25/06/1999 8 . 1 . 0 withdrawn -> 22.034			get it <i>remarks - general:</i> get it <i>remarks - this release:</i>		
<hr/>						
TS 02.38	SIM application toolkit (SAT); Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
		<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
		<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 withdrawn. The text for 02.40 was moved get it <i>remarks - general:</i> to 22.001. refer to CR 22.001-001 which <i>remarks - this release:</i> R99 -> 22.101 resulted in version 3.1.0 of 22.001.					
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les		Union Internationale des Chemins de Fer	
		<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 withdrawn -> 22.042			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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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)			

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 02.94 Follow Me Service description; Stage 1

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
smg-28 1 . 0 . 0
smg-30 11/11/1999 8 . 0 . 0 Withdrawn wef SP-21

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

[get it](#) *remarks - general:* 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common
remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or common.

2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common GSM/UMTS spec, 22.094.

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 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: Never produced; make do with R98 version.

TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 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:* 2001-09-03: S3 secretary reports that this spec is not mature enough for official
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. publication. Work continues

in 43.031. SP-18: in fact, in 23.031.

TS 03.35 Immediate Service Termination (IST); Stage 2

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0
SP-11 04/04/2001 8 . 1 . 0

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:*
[get it](#) *remarks - this release:* SP-16: withdrawn in favour of 23.035 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

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	G: yes U:	MCC:	RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i> frozen at v7 20/11/2000 8 . 0 . 0 (withdrawn)		get it	<i>remarks - general:</i> <i>remarks - this release:</i> Frozen at v7			
<hr/>							
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC:	RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i> Upgrade to R99 30/06/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> Sticks at v7			
<hr/>							
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC:	RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i> Upgrade to R99 30/06/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>							
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC:	RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i> Upgrade to R99 30/06/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> clamped at v7			
<hr/>							
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel			
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC:	YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i> Upgrade to R99 01/05/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> Never produced; make do with R98 version.			

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

TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	smg-31 16/02/2000 8 . 0 . 0	NP-15 withdrawn	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>	TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.				
<hr/>									
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB					
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<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)				
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	R99	04 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/04_series					
<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								
R99	<i>current version:</i> Centre (BSS - MSC) interface	none	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert				
	SIEMENS AG								
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 8 . 0 . 0	withdrawn	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>	#29: 8.0.0 (to be deleted, moved to 3GPP)				
<hr/>									
TS 04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-06	G: yes U:	<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>					
	Editorial correction 27/04/2000 8 . 0 . 1	NP-15 withdrawn	get it	<i>remarks - this release:</i>	TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.				
<hr/>									

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

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WITHDRAWN specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.94 Follow Me Service description; Stage 3

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):

WG (prime / other): - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
G: yes U: *MCC:* N, A

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

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
freeze_meeting: SP-06
history (event, available, version, comments):

WG (prime / other): G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

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
freeze_meeting: SP-06
history (event, available, version, comments):
smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David

[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 07.02 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)

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)

G = required in systems with GERAN acces; 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

TS 09.14	Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version, comments):</i> WITHDRAWN 29/05/2000 8 . 0 . 0
	<i>WG (prime / other):</i> SPAN / N4 <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> SPORTON, Simon VODAFONE Group Plc <i>MCC:</i>
	get it <i>remarks - general:</i> EN 302 646 <i>remarks - this release:</i> May00: Possibly no need for an update.

TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version, comments):</i> smg-29 25/06/1999 8 . 0 . 0
	<i>WG (prime / other):</i> N1 / - <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> MILLS, Duncan VODAFONE Group Plc <i>MCC:</i> JORGENSEN, Per Johan
	get it <i>remarks - general:</i> <i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)

TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
R99	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version, comments):</i>
	<i>WG (prime / other):</i> N1 / - <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov <i>MCC:</i> JORGENSEN, Per Johan
	<i>remarks - general:</i> <i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43	Support of Localised Service Area (SoLSA); Work Item Status
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version, comments):</i> draft 17/04/1998 1 . 2 . 0 empty! smg-28 30/06/1999 1 . 11 . 0
	<i>WG (prime / other):</i> S1 / - <i>G:</i> yes <i>U:</i>
	<i>rapporteur:</i> KOKKOLA, Tommi NOKIA Corporation <i>MCC:</i> CLAYTON, Michael
	get it <i>remarks - general:</i> <i>remarks - this release:</i> #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

G = required in systems with GERAN acces; 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

TR 10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm/Vodafone D2 GmbH		
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC: RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	WITHDRAWN 14/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references		
			<i>remarks - this release:</i> No R99 impact.		
<hr/>					
TR 10.76	Noise suppression for the AMR codec; Project scheduling and open issues				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	draft 15/08/1999 0 . 0 . 8	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".		
	draft 15/10/1999 1 . 0 . 0	get it	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".		
	2002-01-23: Usai indicates "stopped".				
<hr/>					
TS 10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken		SIEMENS AG
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	draft 14/03/2000 0 . 0 . 3	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".		
	draft 08/04/2000 0 . 0 . 4	get it	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".		
	draft 19/04/2000 0 . 0 . 5	get it			
	draft 04/08/2000 0 . 0 . 6	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	<i>current version:</i> none	<i>WG (prime / other):</i> G3ne / S1 /	<i>rapporteur:</i> SALMERON, Lidia		TELEPLUS LIMITED
	<i>freeze_meeting:</i> SP-06				
			NP /		
			T2 /		
			SCP		
		G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	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		

G = required in systems with GERAN acces; 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 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R99 *current version:* none *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
Upgraded to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: skipped straight to R00.

TS 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface
R99 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation
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:

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

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WITHDRAWN specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.906 reserved
R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
First complete draft 04/03/1999 0 . 0 . 0
SP-03 3 . 0 . 0

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

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

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
freeze_meeting: SP-05
history (event, available, version, comments):
SP-05 13/10/1999 3 . 0 . 1
SP-08 28/06/2000 3 . 1 . 0

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

[get it](#) *remarks - general:* Transfer>TSG#4
[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
freeze_meeting: SP-11
history (event, available, version, comments):
SP-06 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes *U:* yes *MCC:* USAI, Paolino

remarks - general: Transfer>TSG#4.
remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.

TR 22.907 Terminal concepts
R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version, comments):
Table of Contents 19/10/1997 0 . 0 . 2
and Scope
First complete draft 19/12/1997 1 . 0 . 0
WG approval 15/02/1998 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0
SP-03 22/04/1999 3 . 1 . 2
SP-04 23/06/1999 3 . 1 . 3

WG (prime / other): - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* CR at TSG#4 Not maintained
remarks - this release: Withdrawn (Clayton 2000-02-11)

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

TR 22.924 Charging and accounting mechanisms

R99 *current version:* none
freeze_meeting: SP-03

WG (prime / other): - / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
Emanuele

G: *U:* yes *MCC:* N, A

history (event, available, version, comments):

Table of Contents and Scope	19/10/1997	0	0	1
First complete draft	19/12/1997	1	2	1
WG approval	15/02/1997	2	0	0
smg-25	20/03/1998	3	0	0
smg-28	15/02/1999	3	1	0
SP-03	23/04/1999	3	1	1

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

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

TR 22.925 Quality of Service (QoS) and network performance

R99 *current version:* none
freeze_meeting: SP-03

WG (prime / other): - / - *rapporteur:* ERIKSSON, Olle Telefon AB LM Ericsson
N, A

G: *U:* yes *MCC:* N, A

history (event, available, version, comments):

First complete draft	13/06/1997	1	1	0
WG approval	19/12/1997	2	0	0
smg-25	20/03/1998	3	0	0
SP-03	23/04/1999	3	1	1

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

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

TR 22.960 Mobile multimedia services

R99 *current version:* none
freeze_meeting: SP-03

WG (prime / other): - / - *rapporteur:* AHNBERG, Tomas Indicate persons who left Company and wait for new One

G: *U:* yes *MCC:* N, A

history (event, available, version, comments):

Table of Contents and Scope	17/10/1997	0	0	4
First complete draft	19/12/1997	1	0	0
WG approval	15/02/1997	2	0	0
SP-03	23/04/1999	3	0	1

withdrawn

[get it](#) *remarks - general:*
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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WITHDRAWN specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.970 Virtual Home Environment Report

R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version, comments):
Table of Contents 19/10/1997 0 . 0 . 7
and Scope
First complete draft 19/12/1997 1 . 0 . 0
WG approval 15/02/1998 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0
SP-03 23/04/1999 3 . 0 . 1

WG (prime / other): - / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited
G: *U:* yes *MCC:* N, A

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

TR 22.972 Circuit-switched multimedia

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
First complete draft 23/04/1999 0 . 0 . 0

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

[get it](#) *remarks - general:* Title grows "cct sw".
remarks - this release: Withdrawn (Clayton 2000-02-11)

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
freeze_meeting: SP-08
history (event, available, version, comments):
SP-03 30/05/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* DETTNER, Harald SIEMENS AG
G: *U:* yes *MCC:* N, A

[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
freeze_meeting: SP-06
history (event, available, version, comments):
SP-03 23/04/1999 3 . 0 . 0
SP-04 23/06/1999 3 . 1 . 0

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

[get it](#) *remarks - general:* Superseded by 23.122
remarks - this release: 3.1.0 dates from June 99
[get it](#)

G = required in systems with GERAN access; 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 23.043	Support of Videotex				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i> SP-03 30/05/1999 3 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> 3.0.0 Apr 99 - later scrapped
<hr/>					
TS 23.044	Support of Teletex				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i> SP-03 30/05/1999 3 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> 3.0.0 Apr 99 - later scrapped
<hr/>					
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.

G = required in systems with GERAN access; 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 23.069	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	Routeing 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				
<hr/>									
TS 23.071	Location Services (LCS); Functional description; Stage 2								
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-08		G: U: yes		<i>MCC:</i> N, A				
	<i>history (event, available, version, comments):</i>								
	SP-04 30/05/1999 3 . 0 . 0			get it	<i>remarks - general:</i> superseded by 25.305				
					<i>remarks - this release:</i> .				
<hr/>									
TS 23.073	Support of Localised Service Area (SoLSA); Stage 2								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-05		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-05 13/10/1999 3 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.				
	edito 06/06/2000 3 . 0 . 1			get it	<i>remarks - this release:</i> SP-16: reverts to 03.73 since applies to GERAN systems only.				

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 23.920	Evolution of the GSM platform towards UMTS				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-08	G: yes U: yes	MCC: N, A		
<i>history (event, available, version, comments):</i>					
Table of Contents	17/10/1997	0 . 0 . 3	get it	<i>remarks - general:</i>	
and Scope				<i>remarks - this release:</i> Stopped TSG#6	
Transfer to SP SA	04/03/1999	0 . 6 . 1	get it		
SP-03	23/04/1999	1 . 0 . 0	get it		
WG approval	01/04/1999	1 . 0 . 0	get it		
First complete draft	01/04/1999	1 . 0 . 0	get it		
SP-04	23/06/1999	3 . 0 . 0	get it		
SP-05	13/10/1999	3 . 1 . 0	get it		
<hr/>					
TR 23.922	Architecture for an All IP network				
R99	<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-06	G: yes U: yes	MCC: YOON, Sang-Ui		
<i>history (event, available, version, comments):</i>					
SP-05	13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i> TSG#5: 1.0.0	
				<i>remarks - this release:</i> Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.	
<hr/>					
TR 23.925	UMTS Core network based ATM transport				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	MCC: 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-20: stopped SP-20: stopped	
SP-03	23/04/1999	0 . 2 . 0	get it		
<hr/>					
TR 23.927	VHE, Open Service Architecture (OSA)				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	MCC: N, A		
<i>history (event, available, version, comments):</i>					
First complete draft	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> Replaced by 23.127	
SP-03	23/04/1999	0 . 1 . 0	get it	<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11).	
		withdrawn			

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 23.960 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 (SMS-CB) 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 (SNDCP)

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0
NP-04 27/05/1999 3 . 1 . 0

[get it](#) *remarks - general:* Scrapped: is GSM only
[get it](#) *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08
withdrawn; not required for 3G.

TS 24.068 Group Call Control (GCC) Protocol

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-03 3 . 0 . 0
NP-04 3 . 1 . 0

remarks - general: GSM only for R99.
remarks - this release: GSM only for R99.

G = required in systems with GERAN access; 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 24.069 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

TS 25.103 RF parameters in support of RRM

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
First complete draft 04/03/1999 0 . 0 . 0
NP-03 23/04/1999 0 . 1 . 0
NP-04 23/06/1999 1 . 0 . 0
NP-05 13/10/1999 2 . 0 . 0

WG (prime / other): - / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
G: yes *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Withdrawn in favour of 25.123 & 25.133
[get it](#) *remarks - this release:* Withdrawn
[get it](#)
[get it](#)

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

TR 25.831	Study Items for future release					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-06	G: 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-19 (post R3-31): stopped.		
<hr/>						
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				
<hr/>						
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				
<hr/>						
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 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_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 *current version:* none *WG (prime / other):* - / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* N, A

history (event, available, version, comments):

SP-03	23/04/1999	0	.	0	.	0	
SP-06	17/12/1999	1	.	0	.	0	get it <i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.
SP-05	13/10/1999	1	.	0	.	0	get it <i>remarks - this release:</i> replaced by 26.975
SP-04	23/06/1999	1	.	0	.	0	get it
Editorial	23/06/2000	1	.	2	.	0	get it

TS 26.112 Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-03	26/04/1999	1	.	0	.	0	get it <i>remarks - general:</i>
SP-04	23/06/1999	1	.	1	.	0	get it <i>remarks - this release:</i>

TS 26.115 Echo control for speech and multi-media services

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

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.
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TS 26.121 Technical Specification for Tandem Free Operation within 3G networks

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* OHANA, Alain Cingular Wireless LLC
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* N, A

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 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 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 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 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 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> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<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> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<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> N3 / -	<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	<i>MCC:</i> BOSWARTHICK, David		
	<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		
<hr/>					
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i> RP-19: stopped.		
			<i>remarks - this release:</i> .		

R99

30 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

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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:* TSE, Edwin Ericsson Incorporated
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

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

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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	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-07	17/03/2000	3	.	0	.	0	get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
Editorial	17/03/2000	3	.	0	.	1	get it
SP-08: split into parts	23/06/2000	3	.	1	.	0	get it
Formatting	18/07/2000	3	.	2	.	0	get it

WG (*prime / other*): S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.
G: U: yes *MCC:* ZOICAS, Adrian

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	get it <i>remarks - general:</i> TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
SP-10		3	.	0	.	0	withdrawn, not needed for R99	<i>remarks - this release:</i> TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.

WG (*prime / other*): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
G: U: yes *MCC:* POPE, Maurice

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		
<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 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		
<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 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		
<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 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): SMG / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC:
history (event, available, version, comments):
smg-03 18/11/1994 3 . 0 . 0 [get it](#) remarks - general:
smg-18 21/05/1996 3 . 1 . 0 [get it](#) remarks - this release: .
smg-19 04/09/1996 3 . 2 . 0 [get it](#)

TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes
UMTS current version: none WG (prime / other): SMG / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC:
history (event, available, version, comments):
smg-05 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 01.01U Universal Mobile Telecommunications System (UMTS); Objectives and overview
UMTS *current version:* none *WG (prime / other):* SP / - *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes *MCC:* POPE, Maurice One
history (event, available, version, comments):
ETSI publication 3 . 0 . 0 *remarks - general:*
remarks - this release: .

TR 01.03U Universal Mobile Telecommunications System (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 [get it](#) *remarks - general:* ETSI ETR 291 withdrawn.
remarks - this release: ETSI ETR 291, withdrawn.

TR 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: G: yes U: *MCC:* N, A One
history (event, available, version, comments):
smg-19 28/09/1996 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 01.05U System design methodology for the UMTS
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: *MCC:*
history (event, available, version, comments):
draft 1 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS 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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WITHDRAWN specs 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* *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):
Suspended 10/04/1996 3 . 0 . 0 [get it](#) *remarks - general:*
animation *remarks - this release:* .

UMTS **03** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System
UMTS *current version: none* *freeze_meeting:* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
Suspend work 10/10/1996 2 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

UMTS **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.01U Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS
UMTS *current version: none* *freeze_meeting:* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
draft 10/10/1997 2 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

UMTS **06** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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

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WITHDRAWN specs UMTS 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.01U Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, comments): [get it](#) *remarks - general:*
draft 10/10/1996 3 . 0 . 0 *remarks - this release:* .

TR 06.02U Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, comments): *remarks - general:*
draft 0 . 0 . 0 *remarks - this release:* .

UMTS **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TR 07.01U Universal Mobile Telecommunications System (UMTS); Integration of audio/visual source coding into UMTS
UMTS *current version:* none *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version, comments): *remarks - general:*
remarks - this release: .

UMTS **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 UMTS 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TT 12.01U Framework for satellite integration with the UMTS
UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
Waiting - see 12/10/1995 3 . 0 . 0
"secretariat
comments"

WG (prime / other): S5 / *rapporteur:* N, A
G: *U:* yes *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
remarks - this release: .

Indicate persons who left Company and wait for new One

TR 12.02U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS
UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
Waiting - see 10/10/1996 3 . 0 . 0
"secretariat
comments"

WG (prime / other): S5 / *rapporteur:* N, A
G: *U:* yes *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
remarks - this release: .

Indicate persons who left Company and wait for new One

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

TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept
UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-22 13/06/1997 3 . 0 . 0
ETSI publication 03/11/1998 3 . 0 . 1

WG (prime / other): GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
G: *U:* *MCC:* Skov
USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 21.04U Requirements for the support of data services in UMTS
UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
draft 17/01/2000 1 . 0 . 0

WG (prime / other): - / - *rapporteur:* HOLLEY, Kevin mm02 plc
G: *U:* *MCC:* N, A
[get it](#) *remarks - general:*
remarks - this release: #26: 0.0.2 or perhaps as 1.0.0

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WITHDRAWN specs UMTS 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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
Milestone 1	19/12/1997	1	.	1	.	2
WG approval	17/02/1997	2	.	0	.	0
smg-25	20/03/1998	3	.	0	.	0

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

UMTS

22 .- series

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

TS 22.00U UMTS Phase 1

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* VERRIER, David

Indicate persons who left Company and wait for new One

G: U: *MCC:* N, A

history (event, available, version, comments):

smg-27		1	.	0	.	0
draft	24/11/1998	1	.	3	.	0

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

TS 22.01U Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* DWYER, Paul

NORTEL NETWORKS (EUROPE)

G: U: *MCC:* N, A

history (event, available, version, comments):

smg-21		3	.	0	.	0
smg-22		3	.	1	.	0
smg-24		3	.	2	.	1
smg-27	17/10/1998	3	.	3	.	0

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

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.05U	Services and service capabilities				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA, Emmanuel	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 3 . 0 . 0			<i>remarks - this release:</i>	
	smg-26 01/07/1998 3 . 1 . 0			get it	
<hr/>					
TR 22.07U	UMTS terminal and smart card concepts				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SMOLANDER, Jouni	NOKIA Corporation	
	<i>freeze_meeting:</i>	<i>G: yes</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>	
	smg-27 3 . 1 . 0			get it	
	edito 29/10/1998 3 . 1 . 1				
<hr/>					
TS 22.21U	Virtual Home Environment				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i>	<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 22.24U	Charging and Accounting Mechanism				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CHAMBERS, David	MOTOROLA Ltd	
	<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	
				get it	
<hr/>					
TS 22.25U	Quality of Service (QoS) and network performance				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> TIAINEN, Seppo	TeliaSonera AB	
	<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 . 1 . 0			<i>remarks - this release:</i> #25: 3.1.0	
				get it	

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.29U	Handover Requirements between UMTS and GSM or other RadioSystems					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> COOPER, David		Telecom Modus Limited	
	<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 22.30U	Service requirements on security					
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 22.35U	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> .

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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> .	
<hr/>					
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>	G: U:	MCC: 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	
		get it			
<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>	G: U:	MCC: 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	
		get it			
<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>	G: U:	MCC: 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				
		get it			

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.72U	Real Time Multimedia in UMTS				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
		WG (prime / other): - / -	rapporteur: FISCHER, Ralf		ROBERT BOSCH GmbH
		G: U:	MCC: N, A		
				remarks - general:	
				remarks - this release:	
<hr/>					
TS 22.75U	Service aspects; Advanced addressing				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	smg-25	2 . 0 . 0			
	smg-27	17/10/1998 3 . 0 . 0			
				remarks - general:	
		get it		remarks - this release:	#25: 2.0.0 #27: 3.0.0
<hr/>					
TR 22.80U	UMTS Relationship to other Standards				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	First complete draft	19/10/1997 1 . 0 . 2			
	WG approval	07/11/1997 2 . 0 . 0			
	Under TB change control.	20/03/1998 2 . 0 . 1			
	Milestone 1	19/12/1997 2 . 0 . 1			
				remarks - general:	
		get it		remarks - this release:	#24: 2.0.1
		get it			
		get it			
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UMTS **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.01U	UMTS Network principles				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	smg-27	24/02/1999 3 . 0 . 0			
				remarks - general:	
		get it		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 23.05U	UMTS Network principles				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>		
	<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 23.10U	UMTS Access Stratum; Services and Functions				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>	G: U:	MCC:	N, A	
	<i>history (event, available, version, comments):</i> smg-27 24/02/1999 3 . 0 . 0	get it			<i>remarks - general:</i> <i>remarks - this release:</i> #27: for info
<hr/>					
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>	G: U:	MCC:	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
<hr/>					
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>	G: U:	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
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>	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 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
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>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 23.80U	UMTS Network Aspects; Signalling requirements for 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 23.90U	UMTS Network Aspects; Network performance 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 23.95U	UMTS Network Aspects; Network functions relevant to satellites					
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>		
	draft 0 . 0 . 0			<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 UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<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> .			

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	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<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> .			

TS 25.10U	UMTS Radio Aspects; Channel coding					
UMTS	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<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> .			

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WITHDRAWN specs UMTS 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.15U UMTS Radio Aspects; Modulation
UMTS *current version: none*
freeze_meeting:

history (event, available, version, comments):

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 25.20U UMTS Radio Aspects; Transmission and reception
UMTS *current version: none*
freeze_meeting:

history (event, available, version, comments):

WG (prime / other): - / rapporteur: N, A
G: U: yes MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

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*
freeze_meeting:

history (event, available, version, comments):

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

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

TR 27.00U Principles for handling of data services in the UMTS

UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
First complete draft 01/05/1996 1 . 2 . 1

WG (prime / other): S5 / - *rapporteur:* GABE, Axel SIEMENS AG
G: *U:* *MCC:* ZOICAS, Adrian

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

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

TR 30.00U SMG - UMTS Work programme

UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-21 3 . 0 . 0
smg-22 3 . 1 . 0
smg-23 3 . 2 . 0
smg-24 3 . 3 . 0
smg-25 3 . 4 . 0
smg-26 07/07/1998 3 . 5 . 0
smg-27 3 . 6 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1

[get it](#)

TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-22 3 . 0 . 0
smg-23 3 . 1 . 0
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

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1

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WITHDRAWN specs UMTS 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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 30.04U 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: USAI, Paolino
history (event, available, version, comments):
First complete draft 01/06/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-22 14/06/1997 3 . 0 . 0 [get it](#) *remarks - this release: #22: 3.0.0*
ETSI publication 03/11/1998 3 . 0 . 1 [get it](#)

TR 30.05U UMTS terminology

UMTS *current version: none* *WG (prime / other): - / -* *rapporteur:*
freeze_meeting: G: U: MCC: N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

UMTS *current version: none* *WG (prime / other): - / -* *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: MCC: N, A
history (event, available, version, comments):
Creation of WI by 13/06/1997 2 . 0 . 0 [get it](#) *remarks - general:*
WG/TB [get it](#) *remarks - this release: #24: 3.1.0*
TB approval 30/08/1997 3 . 0 . 0 [get it](#)
smg-24 19/12/1997 3 . 1 . 0 [get it](#)

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

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

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WITHDRAWN specs UMTS 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.50U **Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz**
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: *G:* *U:* yes *MCC:* One
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 31.60U **Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz**
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: *G:* *U:* yes *MCC:* One
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:*
remarks - this release: .

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

TR 32.01U **Overall principles of the OAM for the UMTS**
UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* SZELAZEK, Bill 3
freeze_meeting: *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version, comments):
smg-22 1 . 0 . 0 *remarks - general:*
remarks - this release: No progress since SMG#22.

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

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

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

[get it](#) *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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: for info
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UMTS 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.01U Application integration and application programming interfaces

UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):
draft 0 . 0 . 0

WG (prime / other): SP / *rapporteur:* N, A
G: U: yes MCC: POPE, Maurice

Indicate persons who left Company and wait for new One

remarks - general:
remarks - this release: .

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WITHDRAWN specs UMTS 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

UMTS **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.10U UMTS Terminal aspects;Man Machine Interface (MMI)

UMTS *current version:* none
freeze_meeting:

WG (prime / other): SP / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

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

history (event, available, version, comments):

draft 0 . 0 . 0

remarks - general:

remarks - this release: .

R98

R98 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R98 *current version:* none
freeze_meeting: smg-29

WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar

Deutsche Telekom AG

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

history (event, available, version, 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

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WITHDRAWN specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, 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.

R98 **03** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, comments):
TP-09 withdrawn 04/10/2000 7 . 0 . 0

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

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

R98 **04** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.33 Lawful interception; Stage 3

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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WITHDRAWN specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 *current version:* none *WG (prime / other):* - / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G: yes U:* *MCC:* N, A

history (event, available, version, 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	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references <i>remarks - this release:</i> TSG#9:withdrawn cos contains misleading information/references
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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-30b	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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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):* G3ne / S1 / NP / T2 / SCP
freeze_meeting: smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

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):* G3ne / S1 / NP / T2 / SCP
freeze_meeting: smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

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):* T3 / G2, G3ne w
freeze_meeting: smg-29 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: DIETZE, Claus

history (event, available, version, comments):

GP-13 21/02/2003 7 . 0 . 0

[get it](#) *remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

derived from R96 by CR; also to withdraw the R96 version, since the R99

version will cover all previous Releases. TP-20: accepted by T3 (from G4).

R97

R97

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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WITHDRAWN specs 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	<i>current version:</i> none	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> No spec this Release.		
<hr/>					
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0				
R97	<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-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> No spec this version.		
<hr/>					
<hr/>					
	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	<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-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> No spec this Release		
<hr/>					
TS 02.33	Lawful Interception (LI); Stage 1				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<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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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

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

history (event, available, version, comments):

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R97

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): N4 / SPAN *rapporteur:* KYMALAINEN, Kimmo
/ T2

TeliaSonera AB

history (event, available, version, comments):

smg-27 16/10/1998 6 . 0 . 0

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

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

Research In Motion Limited

history (event, available, version, comments):

smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): - / - *rapporteur:* NAPER, Hans Petter
G: yes U: MCC: N, A

MOTOROLA GmbH

history (event, available, version, comments):

draft 20/03/1998 0 . 7 . 1

[get it](#) *remarks - general:* Withdrawn since details included in the stage 3 spec.
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS 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:*
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 access; 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): G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP

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

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	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC: CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		
<hr/>					
TS 11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> T3 / G2, G3ne w	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version, comments):</i> GP-13 21/02/2003 6 . 0 . 0	G: yes U:	MCC: DIETZE, Claus		
	derived from R96 by CR; also to withdraw the R96 version, since the R99	get it	<i>remarks - general:</i> TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version). version not		
			version will cover all previous Releases. TP-20: accepted by T3 (from G4).		
<hr/>					
TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>history (event, available, version, comments):</i> GP-09 06/05/2002 6 . 0 . 0 not produced post smg-27; withdrawn GP-12 6 . 1 . 0 CRs unimplementable; spec is scrapped.	G: yes U:	MCC: USAI, Paolino		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.		
<hr/>					
TS 11.56	CTS phase 1, CTS Fixed Part Tests				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MATTISSON, Leif	Telefon AB LM Ericsson	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC: N, A		
			<i>remarks - general:</i> <i>remarks - this release:</i> .		

R97

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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WITHDRAWN specs R97 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management						
R97	<i>current version:</i> none						
	<i>freeze_meeting:</i> smg-26						
	<i>history (event, available, version, 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						
R97	<i>current version:</i> none						
	<i>freeze_meeting:</i> smg-26						
	<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		

R96

R96 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG						
R96	<i>current version:</i> none						
	<i>freeze_meeting:</i> smg-22						
	<i>history (event, available, version, 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-25 20/03/1998 5 . 2 . 0			get it			
		SP-15: withdrawn since SMG and PT-SMG no longer exist.					

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

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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> .			

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

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: .

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 02.29	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	get it			withdrawn
<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	get it			withdrawn SMG-25
<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:	MCC: 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:	MCC: 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:	MCC: 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:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-21 14/02/1997 5 . 0 . 0				<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				
	smg-24 19/12/1997 5 . 2 . 0				
<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:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-24 19/12/1997 5 . 0 . 0				<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	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version, 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: .

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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	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0		get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references	
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - this release:</i> #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references	
<hr/>					
TS 03.60	General Packet Radio Service (GPRS) Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ZHAO, Yilin	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	5 . 0 . 0			<i>remarks - general:</i>	
	smg-23 5 . 1 . 0			<i>remarks - this release:</i> .	
	smg-24 5 . 2 . 0				
	smg-25 5 . 3 . 0	withdrawn, SMG-25			
<hr/>					
TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-23 5 . 1 . 0			<i>remarks - general:</i>	
	smg-24 5 . 2 . 0	withdrawn SMG-25		<i>remarks - this release:</i> .	
<hr/>					
TS 03.94	Follow Me Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	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 03.95	Support of Private Numbering Plan (SPNP); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> 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 customized 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 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 04.98 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:* Skov
N, A

remarks - general:
remarks - this release: .

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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
Skov
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
Skov
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 ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol
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)
SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

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

3GPP specification status

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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.

3GPP specification status

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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	<i>remarks - general:</i>
smg-22	13/06/1997	5	.	1	.	0	get it	<i>remarks - this release:</i> #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		<i>remarks - general:</i>
								<i>remarks - this release:</i> .

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	<i>remarks - general:</i>
								<i>remarks - this release:</i> 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	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC: CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		
<hr/>					
TS 11.12	Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune	NOKIA Corporation	
	<i>history (event, available, version, comments):</i> smg-16? 25/01/1996 5 . 0 . 0 SMG-16: withdrawn	G: yes U:	MCC: DIETZE, Claus		
			get it <i>remarks - general:</i> <i>remarks - this release:</i> #16: 5.0.0 withdrawn		
<hr/>					
TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC: USAI, Paolino		
	smg-22 13/06/1997 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-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:</i> none					
	<i>freeze_meeting:</i> smg-22					
	<i>history (event, available, version, comments):</i>					
		<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TRUSS, Michael			MOTOROLA Ltd
		G: yes U:	<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:</i> none					
	<i>freeze_meeting:</i> smg-22					
	<i>history (event, available, version, comments):</i>					
		<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TOCHE, Christian			NORTEL NETWORKS (EUROPE)
		G: yes U:	<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:</i> none					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version, comments):</i>					
		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> VACANT,			
		G: yes U:	<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 [get it](#) *remarks - general:*
draft 01/06/1994 4 . 0 . 0 [get it](#) *remarks - this release: #16: withdrawn*

Ph2 **03** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)
Ph2 *current version: none* *WG (prime / other): T2 / -* *rapporteur: HARRIS, Ian* Research In Motion Limited
freeze_meeting: *G: yes U:* *MCC: RODERMUND, Friedhelm*
history (event, available, version, 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 Research In Motion 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):* G1 / - *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

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WITHDRAWN 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:* none *WG (prime / other):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

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	
GP-04	11/04/2001	4 . 32 . 0	get it	

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

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WITHDRAWN specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

GP-05 28/06/2001 4 . 33 . 0
GP-06 06/09/2001 4 . 34 . 0

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

TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2 *current version:* none

freeze_meeting:

history (event, available, version, comments):

WG (prime / other): - /

G: yes U:

rapporteur: HOWELL, Andrew

MCC: N, A

MOTOROLA Ltd

remarks - general:

remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version:* none

freeze_meeting:

history (event, available, version, comments):

WG (prime / other): G1 / -

G: yes U:

rapporteur: VACANT,

MCC: USAI, Paolino

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

freeze_meeting:

history (event, available, version, comments):

draft 0 . 0 . 0

WG (prime / other): - / -

G: yes U:

rapporteur:

MCC: N, A

remarks - general:

Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

Ph1

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 **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
G: yes U: MCC: N, A
history (event, available, version, comments):
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
G: yes U: MCC: N, A
history (event, available, version, comments):
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
G: yes U: MCC: N, A
history (event, available, version, comments):
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> .		

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

3GPP specification status

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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
history (event, available, version, comments): G: yes U: MCC: YOON, Sang-Ui
Jan 1990 10/05/1994 3 . 3 . 0 [get it](#) *remarks - general:*
? 10/05/1994 3 . 4 . 0 [get it](#) *remarks - this release:* .

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.42 SMS Compression

Ph1 *current version:* none *freeze_meeting:* WG (*prime / other*): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
history (event, available, version, comments): G: yes U: MCC: RODERMUND, Friedhelm
gsm4 06/05/2003 3 . 0 . 0 Jan 1990: title was "Advanced data MHS". [get it](#) *remarks - general:*
remarks - this release: .

Ph1 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.09 Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN

Ph1 *current version:* none *freeze_meeting:* gsm-25b WG (*prime / other*): N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation
history (event, available, version, comments): G: yes U: MCC: KYMALAINEN, Kimmo
First complete draft 1 . 0 . 0 *remarks - general:* 2003-05-07: no draft available, so withdraw.
remarks - this release: .

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; 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 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)

Ph1 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting:
history (event, available, version, comments): *G: yes U: MCC:* N, A
remarks - general:
remarks - this release: .

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version:* none *WG (prime / other):* GP / NP *rapporteur:* VACANT,
freeze_meeting: *G: yes U: MCC:* USAI, Paolino
history (event, available, version, comments):
gsm-32 3 . 6 . 0 *remarks - general:*
smg-01 3 . 7 . 0 *remarks - this release:*
smg-02 3 . 8 . 0
smg-03 3 . 9 . 0
smg-04 3 . 10 . 0
smg-05 3 . 11 . 0
smg-06 01/09/2003 3 . 12 . 0 [get it](#)
smg-07 01/01/1995 3 . 13 . 0 [get it](#)
smg-08 3 . 14 . 0
smg-09 3 . 15 . 0
smg-10 3 . 16 . 0
smg-11 3 . 17 . 0
smg-12 01/01/1995 3 . 19 . 0 [get it](#)
smg-13 3 . 20 . 0
smg-20 13/12/1996 3 . 23 . 1 [get it](#)

Ph1 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 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

WG (prime / other): - / - *rapporteur:*
G: yes U: MCC: N, A

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

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

TS 24.04U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems

current version: none
freeze_meeting:
history (event, available, version, comments):

WG (prime / other): - / - *rapporteur:* N, A
G: U: MCC: N, A

Indicate persons who left Company and wait for new One

remarks - general:
remarks - this release:

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

TS 32.103 (pending)

current version: none
freeze_meeting:
history (event, available, version, comments):

WG (prime / other): S5 / *rapporteur:* N, A
G: U: yes MCC: ZOICAS, Adrian

Indicate persons who left Company and wait for new One

remarks - general: 2003-11-05: S5 declares this spec number will not be used.
remarks - this release:

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

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